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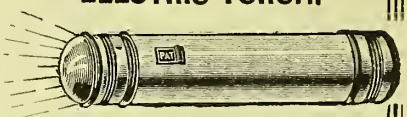

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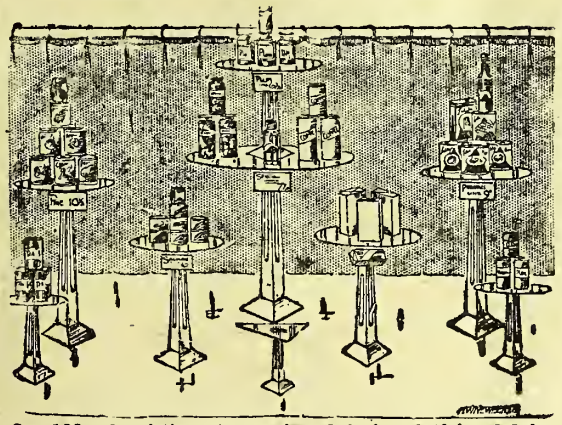

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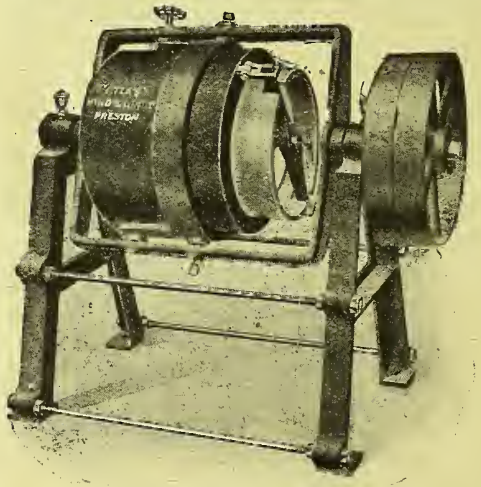

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KO-TAL-KO

FINEST OIL SOAP
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PURE SAFFRON
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ANILINE DYES for all purposes.

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Diadem Vanishing Cream sells at 3/9, Trade price 30/-doz.
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NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL

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All razor users readily catch on to the proposition to save and re-use their old blades.

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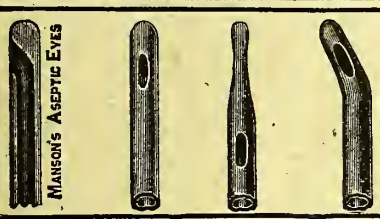

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Any style. 6d. per dozen. Post free.

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ALL AND ALWAYS BRITISH.

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Special discounts on orders of £5 and upwards.

Obtainable from all Wholesale Houses, or direct from the Sole Proprietors—

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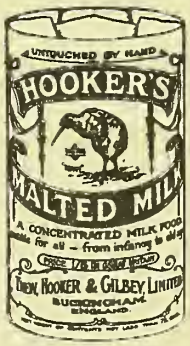

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We would, therefore, like Chemists to know something of the nature of our product; and if anyone is interested in this subject and will write to us, we shall be pleased to send further particulars giving some interesting data, as the result of investigation that has been made by eminent physiologists in all parts of the world.

VITAMOGEN is being advertised in all the principal medical journals throughout the United Kingdom, and if any Chemist would like to have details for his own use, or to pass along to medical men whom he thinks it might interest, we shall be pleased if he will communicate with us.

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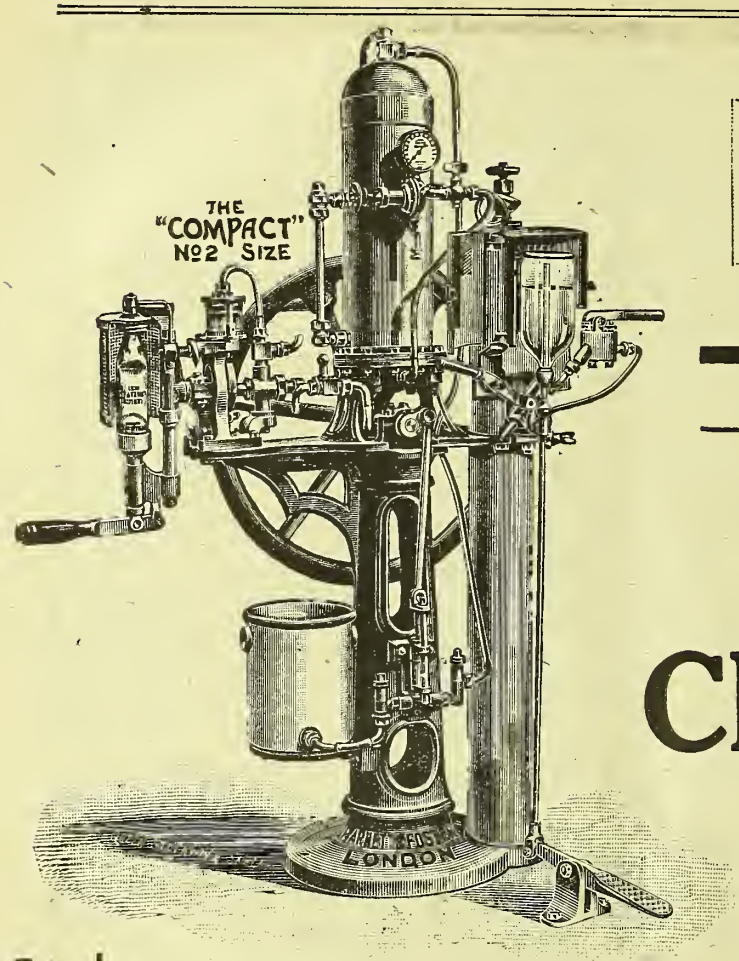

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Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Tuesday, February 19.

Ealing Pharmacists' Association, Buol's Restaurant, Sandringham Parade, at 9 P.M. Mr. F. C. Goodall, Editor of "The British Trade Review," on "The Drug Markets."

Wednesday, February 20.

Birmingham Pharmaceutical Association, Imperial Hotel, at 8.30 P.M. Mr. W. Partridge "Among the Cotswolds," a demonstration of colour-photography.

Ucal Federation, London Branch, Progressive Pharmacy Club, Arundel Hotel, Victoria Embankment, W.C., at 3 P.M. General meeting.

Edinburgh Chemists', Assistants', and Apprentices' Association, 36 York Place, at 7.30 P.M. "Back-shop Experiments, III.," by Mr. J. Rutherford Hill, Ph.C.; "Practical Notes," by Mr. W. S. Glass, Ph.C.

Thursday, February 21.

Chester Pharmacists' Association, Blossom's Hotel, at 8.45 P.M. Mr. J. G. Tringham (Ayrton, Saunders & Co., Ltd.), on "Tales that Tell; or the Art and Part of Publicity."

SIR FRANCIS CHAMPNEYS, BART., complains in the "Daily Mail" that he is this year unable to obtain copper sulphate and soda crystals for use in potato-spraying.

European War News.

Import and Export Notices.

FRANCE.—It is notified in the "Journal Officiel" for January 23 that the undermentioned goods are exempted from the general embargo from France to the Scandinavian countries and Holland: Pharmaceutical products—viz., metol, amidol and substitutes, bromine, hydrobromic acid, sodium bromide, opium alkaloids, ammonia compounds, iron compounds, chamomiles, digitalin, silver nitrate, synthetic products, salvarsan, kharsivan, arsenobilon, novocaine, eucaine, salicylic acid, and acetylsalicylic acid.

ITALY.—A translation of the new list of absolute and conditional contraband issued by the Italian Government on November 30 is published in the "London Gazette" of February 12.

UNITED KINGDOM.—The "London Gazette" of February 8 announces (1) *That the undermentioned headings should be deleted* from the list of prohibited exports: Chemicals, etc., the following: (A) Soda, caustic; (B) tin, chlorides of; (C) tin, compounds of (except chlorides and oxide of tin); (B) tin, oxide of, and mixtures and preparations containing tin oxide; (B) gum tragacanth; (A) nightlights manufactured wholly or partly of paraffin-wax or tallow; (C) nightlights (except nightlights manufactured wholly or partly of paraffin-wax or tallow). *That the following headings should be added*: (A) Ambergis. Chemicals, etc., the following: (A) Soda, caustic, and mixtures containing caustic soda; (A) tin, chlorides of; (B) tin, compounds of (except chlorides and oxides of tin); (A) tin, oxide of, and mixtures containing tin oxide; (A) gum tragacanth; (A) nightlights; (A) pencils, copying-ink; (A) tin and alloys of tin.

Employment of Aliens.

An amendment of the Aliens Restriction (Consolidation) Order, 1916, provides that from March 1 a male alien between the ages of eighteen and sixty-one shall not undertake or perform work for an employer or accept employment in any of the trades or occupations specified in the Fifth Schedule to the Order unless permission in writing has been obtained by him from the Director-General of National Service after personal application at a Labour Exchange. An alien who was in such employment of an employer on the appointed date may continue that work under that employer without any permission until notice to the contrary is sent or given to him and to his employer. The regulation also provides that an employer in any of the specified trades shall bring the regulation to the notice of aliens he employs, and that employers who on March 1 have aliens working for them in the specified trades shall give notice of the fact to the Director-General of National Service in the form set forth in the sixth schedule of the Order. The employer must also notify the Director-General when an alien leaves his employment. The fifth schedule of trades, etc., includes the following:

Showcases, manufacture of.
Shop fronts and fittings, manufacture and erection of.
Aërated waters and other non-alcoholic beverages, manufacture of.
Sugar and chocolate confectionery, manufacture of.
Brushes, manufacture of (including bristle-dressing).
Perfumes, toilet-soaps, and cosmetics, manufacture of.
Photographic apparatus and materials, manufacture of.
Advertising agents.
Commercial travellers and canvassers, commission agents, hawkers and pedlars.
Shop assistants.
Domestic servants.
Photography.
Distribution and sale of products of all foregoing trades.

Opening New Businesses.

The Minister of National Service stated in the House of Commons on January 14 (*C. & D.*, January 19, p. 45) that a regulation would be issued limiting the establishment of new retail businesses. This regulation (8AA) has now been issued, and is as follows:

With a view to making the best use of all persons able to work in any industry, occupation, or service, it shall be lawful for the Director-General of National Service, after consultation with the Government Departments concerned, by order to prohibit or restrict persons from establishing any new retail trade or business or a new branch of any existing retail trade or business without a licence granted by or under the authority of the Director-General of National Service. If any person acts in contravention of or fails to comply with any of the provisions of an order so made, or fails to comply with any condition subject to which a licence under this regulation has been granted to

him, he shall be guilty of a summary offence against these regulations. For the purpose of this regulation the expression "establishing a new branch of any existing trade or business" shall include

(*a*) The opening of a retail trade or business at premises not theretofore used by the retailer for such trade or business; and

(*b*) The opening of any premises of a line or department of any retail trade or business not previously carried on by the retailer.

Personalia.

Corporal John William Spruce was captured by the enemy while on patrol duty on January 28. In civil life he was with Joseph Crosfield & Sons, Ltd., Warrington.

Private Harry Buckley has been severely wounded in action in France. Private Buckley is the second son of Mr. Wm. Buckley, chemist and druggist, Lees, Oldham.

Mr. L. Peters, assistant with Mr. Arthur Shepperson, chemist and druggist, Kirton, for the past five years, has joined the Army, and has been detailed for laboratory work.

Lieutenant Kenneth E. Wootton, Tank Corps, son of Mr. Henry Wootton, B.Sc., Principal of the London College of Pharmacy, 361 Clapham Road, London, S.W., has been awarded the Military Cross.

Second-Lieutenant Harold Cameron Beaumont, R.F.C., who has recently been gazetted, joined the Corps as a cadet last August. He was previously with J. W. Leitch & Co., manufacturing chemists, Milnsbridge.

Lance-Corporal Roy Lewis, R.E., has been awarded the Croix de Guerre and the Order of Leopold (Second Class) for distinguished service. Lance-Corporal Lewis served his apprenticeship with Boots, Ltd., at the Church Road, Hove, branch.

Pioneer F. G. Lickiss, R.E., has been awarded the Belgian Croix de Guerre for devotion to duty. Pioneer Lickiss, who has been on service in France for the past fifteen months, was till enlistment with Boots, Ltd., at the Chorlton-cum-Hardy branch.

Miscellaneous.

Belgian Doctors' and Pharmacists' Relief Fund.—Sir Thomas Barclay (Southall Bros. & Barclay, Ltd.) and Mr. Harry J. Fisk (Parke, Davis & Co.) have joined the General Committee of this fund.

Enemy Patents.—British Dyes, Ltd., Huddersfield, is applying for licences to use twelve dye patents belonging to the Badische Anilin- und Sodafabrik. The hearing takes place at the Patent Office Court on February 28.

Employes of Military Age.—Regulation 41ab, made under the Defence of the Realm Act, which has been issued this week, requires employers to take all reasonable steps to obtain the production of certificates of exemption from persons apparently of military age whom they propose to engage for employment. Persons seeking employment are also required to give the information asked for.

Horse and Poultry Mixtures.—The Food Controller has issued a General Licence under the Horse and Poultry Mixtures Order, 1917, authorising the use of molassed foods, cocoa-shells, and apple residues in the making of a horse mixture, and of dried meat unfit for human food in the making of a poultry mixture, and the sale of such mixtures in accordance with the provisions of the Order.

Motor-spirit and Lamp-oil Prices.—The Motor-spirit and Lamp-oil (Maximum Retail Prices) Order, 1918, fixes the maximum retail price of motor-spirit at the delivered price per gal. to the retailer with an addition of 15 per cent. or of 5*d*. a gallon, whichever is the less. The maximum price of lamp-oil is the delivered price per gal. to the retailer with an addition of 4*d*. a gallon. An extra charge of ¼*d*. a quart may be imposed for delivery to the purchaser. A notice of the prices must be exhibited, and police inspectors are authorised to inspect books and documents on behalf of the Board of Trade.

Potash Licences for Ireland.—The "London Gazette" (February 8) contains a notice of the general licence for purchase of potassium compounds for use as a fertiliser in Ireland under the Order of the Minister of Munitions, dated October 17, 1917. The compounds must be used wholly by the purchaser for direct and immediate application as a fertiliser to the flax-crop and to no other crop. The quantities purchased must not exceed an aggregate of 3 tons during any one calendar month. A similar Order allows the purchase of blast-furnace dusts containing potash to an amount of 13 per cent. or less, expressed as potassium oxide (K_2O), to be used as a fertiliser for flax in Ireland.

The Price of Paper.—Owing to the scarcity of raw material and chemicals used for bleaching-purposes, chemists' white demy of fair quality has this week reached the unprecedented price of 20*s*. per ream.

Military Tribunals' Decisions.

Since our Last Report the following decisions have been notified:

Barnstaple.—Mr. C. V. Lee, assistant with Mr. Henry Trembath, Ph.C., was ordered to be available for military service in six weeks.

Boston.—The case of Mr. H. Proctor, apprentice to Mr. Edward A. Bailey, chemist and druggist, was adjourned to April 6. In the meantime Mr. Proctor is to submit to medical examination.

Bromley (Kent).—Mr. P. A. Ward, assistant with Goulden & Allen, chemists, Widmore Road, was exempted for three months.

Cambridge.—Mr. Ernest Harry Field, chemist and druggist, Hills Road, was exempted for three months.

Clacton-on-Sea.—Exemption was refused to Mr. G. S. Hussey, assistant with Mr. J. W. Privett, chemist and druggist, a month's grace being allowed.

Deal.—Conditional exemption was renewed to Messrs. Ernest John Dobson and Arthur Buxton, pharmacists.

Farnham.—On appeal, Mr. A. S. Edwards, chemist and druggist, was exempted for three months.

Lewes.—On a rehearing by special permission, three months' exemption was substituted for the conditional exemption held by Mr. A. E. Rodgers, assistant with Mr. Edward Wyborn, chemist and druggist (*C. & D.*, February 2, p. 34). Mr. Wyborn stated, in the course of his exposition of the case, that a chemist's business could not be learnt under seven or eight years, and that women assistants, unless they have served a regular apprenticeship, are simply packers and handers-out.

Lewisham.—The National Service Representative asked that Mr. E. G. H. Atkins, assistant with Mr. A. B. Makepeace, chemist and druggist, Kirkdale, Sydenham, be directed to join up, and that Mr. W. H. Anderson, assistant to another chemist, be granted six months' exemption conditionally on his entering Mr. Makepeace's employ. The Chairman pointed out that the Tribunal had no power to order any specific engagement. Mr. Makepeace stated that in the event of losing Mr. Atkins's services he would prefer those of a former assistant who had been wounded. Two months' grace was allowed, the Tribunal informing Mr. Makepeace that, failing his proposed arrangement, a re-hearing would be granted. Mr. Anderson was given three months' exemption on his undertaking to find work of national importance.—The application of Mr. F. A. Quiney, apprentice to Mr. Hedley G. Masson, chemist and druggist, London Road, Forest Hill, S.E., was disallowed, applicant to be entitled to a rehearing if classed below Grade 2 on re-examination.

Littleborough.—On appeal, temporary exemption to May 1 was granted to Mr. J. T. Sladen, clerk to S. Hall & Son, chemists.

Maidstone.—Exemption was withdrawn from Mr. A. E. Howarth, assistant with Mr. Herbert Payne, Ph.C., twenty-eight days' grace being allowed. Mr. Payne claimed that he was employing more female labour than any other chemist in the town, but added that he could not find a substitute for Mr. Howarth in the dispensing department.

Old Leake.—Conditional exemption was granted to Mr. G. H. S. Payne, Ph.C.

Pontefract.—Three months' temporary exemption was substituted for the conditional exemption held by Mr. Arthur L. Bratley, chemist and druggist.

Portsmouth.—Conditional exemption was granted to Mr. John W. Rogers, chemist and druggist, who is managing the business of his father, Mr. Sydney Rogers, 28 Osborne Road, Southsea. The onus of finding a qualified substitute was placed on the National Service Board, it being urged that the margin of safety for the district had been reached in respect of pharmacists.

Redhill.—The case of Mr. Harry Hockey, chemist and druggist, was adjourned for a month to see whether local pharmacists can arrange for co-operation in dispensing.

Rochdale.—Exemption to April 30 was granted to Mr. Samuel Relph, chemist and druggist, manager for Waller & Riley, Ltd., chemists, and to Mr. C. Blezard, assistant with Mr. William Highley, chemist and druggist.

Shanklin.—Conditional exemption was renewed to Mr. Archibald Pearn, chemist and druggist, manager for The Timothy White Co., Ltd.

Saccharin and Glucose.—The well-worn topic of the harmlessness or otherwise of saccharin is disturbing the Kensington Borough Council. Doubts are also being expressed by the Council's officials as to the advisability of employing glucose in jam-making.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Birmingham.

The police have issued a public warning against spurious ten-shilling Treasury notes.

Owing to prevailing conditions, it is easy to get rid of spare chemical apparatus if in good preservation.

The City Council has prepared a list of employers in selected trades who are prepared to accept boys and girls as apprentices—either on the old system of indentures or otherwise.

Mr. Wilfrid Hill is to contest the Moseley division at the next Parliamentary election. Mr. Hill, who was trained as a chemist at Brierley Hill, was a member of the Whitley Commission.

Mr. Arthur Brampton, who began his career in the pharmacy of P. Harris & Co., Ltd. (*C. & D.*, December 15, 1917, p. 34), is the prospective Liberal candidate for the Deritend Division of Birmingham.

The music in the city parks suggested some years ago by Sir Thomas Barclay, Ph.C., is to be continued this summer with the support of Sir Thomas Beecham, Bart., Mr. Neville Chamberlain, and the Lord Mayor of Birmingham.

It is, no doubt, a sign of the times that the work of the private analyst is gradually passing into the hands of public bodies. The Principal of Birmingham University, for instance, desiderates in his latest report an Agricultural Bureau "conducting routine tests, analysis of soils, reports on plant and animal diseases, insect-pests, and other farmers' problems."

The new Apothecaries' Hall regulations, which in July enforce a nine months' course of lectures, have caused a certain flutter in local dovecotes, and it is believed that the Suffolk Street Institution will come to the rescue. It has been suggested that a department be established for thorough training in all the prescribed subjects, and a quondam pharmaceutical teacher has offered his services for materia medica and pharmacy.

Liverpool.

The most appreciated section of the Commercial Library appears to be that devoted to chemical technology. There is also a demand for works dealing with drugs and drug-markets.

Mr. John H. Robinson, who has been laid aside with a sharp attack of influenza, has accepted an invitation to re-deliver his "Studies from Life" lecture before the Wallasey Chemists' Association.

In commenting on a report by the medical officer of health on venereal disease, Alderman Shelmerdine expressed a desire for compulsory notification, and suggested that prisoners whose cure was not completed on expiration of sentence should be detained in a suitable hospital as long as might be necessary.

At the Royal Institution, on February 12, Mr. P. G. H. Borwell, Scientific Adviser to the Potash Control of the Ministry of Munitions and Professor of Geology at Liverpool University, gave a "scientific talk," with lantern illustrations, on "The World's Supply of Potash." He said that although soda was proving a fair substitute for potash in soap-manufacture, the quality of linen must deteriorate so long as the supply of potash was deficient for the growth of flax. The chief known deposits of felspar in the United Kingdom were more or less inaccesible, but he still hoped that, either here or in some Allied or neutral country, potash would soon be found in quantities large enough to break down the German monopoly.

The Minister of Munitions has made an Order under Regulation 11A of the Defence of the Realm Act, entitled the Economy of Shop Lighting (Liverpool and District Area) Order, prohibiting the use of shop-window lighting in Liverpool and district area (Birkenhead, Bootle, Wallasey, Litherland, Waterloo, Seaforth, and Great Crosby). No lights may be used in any shop-front on any weekday other than Saturday after 3.30 P.M. or during any period of abnormal darkness occuring at an earlier hour. The Order does not prohibit the use of any light approved by the chief officer of police as necessary for the serving of customers inside a shop, or any light used solely for illuminating a small sign in a shop-front to indicate to persons outside that the shop is open for the serving of customers. The lights used in any part of a shop shall not exceed what is reasonably necessary for the carrying-on of business and the display of goods to customers inside the shop.

Manchester.

So far, Manchester chemists have not become agents in any great number for the sale of War Savings Certificates.

Manchester and Salford chemists have been visited of late by inspectors under the Sale of Food and Drugs Acts, and several prosecutions are foreshadowed.

Pharmacists report a big run on saccharin-tablets, tea-tablets, and meat-extracts, a month's sale of the last-named being estimated as more than a year's sale of pre-control times.

Sheffield.

The North-East Midland Pricing Bureau has an up-to-date electric adding machine which reduces errors to a minimum.

It is understood here that all glycerin used in Insurance dispensing prior to the issue of the substitution notice has been priced as glycerin.

Members of Council of the National Association of Medical Herbalists were present at a special meeting of the Sheffield branch held recently.

Miss Dyson is joining the staff of her father, Mr. William H. Dyson, chemist and druggist, West Bar Green, and has resigned her position on the N.-E. Midland Pricing Bureau.

Mr. G. E. Scott Smith, F.I.C., joint City analyst with Mr. John Evans, Ph.C., has resigned through ill-health. Mr. Scott Smith is an honorary member of the Sheffield Pharmaceutical and Chemical Society.

The chemists' representative on the Insurance Committee has received congratulations on securing the support of the Friendly Societies towards retaining dispensing for pharmacists in cases in which patients are allowed to make their own arrangements for medical treatment.

The opening meeting of the newly formed Association of Metallurgical Chemists was attended by over 200 members. In a presidential address Dr. W. H. Hatfield said that the new Association did not intend to trespass upon the field of any existing scientific or industrial organisation. Mr. F. K. Knowles (Society of Engineers and Metallurgists) considered, however, that on the lines proposed the new Society was likely to clash with his. Mr. John Evans, Ph.C., and Professor Arnold, who are identified with the movement, are honorary members of the Sheffield Pharmaceutical and Chemical Society.

Miscellaneous.

Fire.—Slight damage was caused by a fire that broke out on the premises of Opera Omnia, Ltd., manufacturers of toilet-preparations, 4 Mermaid Court, London, S.E., on February 4.

Theft Charges.—At Clerkenwell Police Court, London, E.C., on February 7, Annie Bolton, Southampton Street, King's Cross, N., was fined 5*l.*, and Maisie Whiting, of the same address, was bound over, on a charge of stealing and receiving scent, bovril, soap, and other articles, the property of a City firm of druggists by whom the younger prisoner was employed.—At Southport, on February 6, a lad aged fourteen was placed on probation for a year for stealing money belonging to his employer, Mr. Robert H. West, chemist and druggist, York Road, Birkdale.

Workers' Wages Increased.—Higher rates of pay have been awarded by arbitration to Dartford employés of Burroughs Wellcome & Co. as follows: Men, increase of 1¾*d.* per hour; women, of 1*d.*; male workers under twenty-one, of ¾*d.*—The Paper Box Trade Board (Great Britain) have announced the raising of the minimum wages rate for men to 8*d.* per hour, and for women to 4¾*d.* Corresponding increases have also been made to learners.—The claim of employés of the British Oxygen Co., Ltd., Polmadie, to double-time payment for Sunday labour has been established in arbitration.

Sale of Food and Drugs Acts.—At Tower Bridge Police Court, London, S.E., recently, Frederick Edward Gillett, oilman, 222 Southwark Bridge Road, was summoned for selling crushed linseed deficient by 20 per cent. in oil. It was not suggested that the defendant had interfered with the linseed, and the summons was withdrawn on payment of 1*l.* 1*s.* costs.—At Halstead (Essex), on February 5, William Scott, North Street, was fined 1*l.* for selling Epsom salts containing 10 parts per million of lead. A witness for the prosecution stated that a few years ago three doctors "were nearly run off their feet" in consequence of symptoms following the taking of "salts."—Of ten samples of Epsom salts examined in Sheffield during the past quarter, two were found to contain respectively 6 parts and 8 parts of lead per million.

Alleged Cheque Frauds.—At Aylesbury on February 6, Kenneth Cooley, *alias* L. H. Henderson, a sergeant in the Australian Forces, was charged with obtaining two packets of sanatogen and 2*l.* 10*s.* 6*d.* from Mr. John Wood,

Ph.C., by means of a worthless cheque, on January 29, and with obtaining a tin of sanatogen and money from Mr. C. J. Reid, chemist and druggist, of Eton. Miss Gladys Dukes, assistant in Mr. Wood's pharmacy, said that defendant purchased two tins of sanatogen for 9*s.* 6*d.*, and tendered a cheque for 3*l.* Mr. Wood, to whom the cheque was submitted, asked defendant for a reference, and he gave the name of "Lieut. L. H. Henderson, A.I.F." The cheque was on the Commonwealth Bank of Australia, and was signed "L. H. Henderson." Mr. Wood changed the cheque, but, his suspicions being aroused, he informed the police. Mr. C. J. Reid, Eton, gave evidence of a similar character, a tin of sanatogen being obtained and a worthless cheque for 3*l.* being tendered in payment. Defendant was committed for trial, bail being refused.

Poisonings.—At a Cardiff inquest, on February 11, on a child named Harman, 70 Corporation Road, who died after taking two doses of medicine supplied by Dr. Smart Evans, it was stated in evidence by Dr. Evans that two bottles, in one of which was medicine containing opium, were wrapped up in the same way, and that the wrong bottle was sent to the child's address. In his opinion death was due to broncho-pneumonia, congestion of the blood-vessels, and high temperature. Dr. R. Walker stated that the *post-mortem* examination disclosed death from poisoning by opium. A verdict of "Death from opium by misadventure" was returned.—In the course of inquest evidence at Hornsey on the body of Arthur G. P. Easterbrook, Quernmore Road, London, N., a schoolboy, fourteen years of age, who died from poisoning by potassium cyanide, Mr. Robert John Price, Ph.C., stated that on February 6 he supplied Easterbrook with potassium cyanide without taking his signature, as he was very frequently buying drugs. The poison-book had been signed by the lad on previous occasions. The Coroner instructed the police to take a note of this portion of the evidence. It was further elicited that the deceased boy had shown extraordinary aptitude for chemistry, and had arranged a laboratory of his own at home. A question having been raised concerning some apparatus brought from school, he wrote a remarkable letter of explanation and farewell, and was subsequently found by his father in a dying condition. The verdict was "Suicide during temporary insanity."—At Bromley (Kent), on February 6, a verdict of "Death by misadventure" was returned at an inquest on Henry Beer, storekeeper to a firm of engravers, who assisted in baling out nitric acid, after dilution with water, from a basement, and died the following day.—A similar verdict was returned at Taunton, on February 9, in the case of a young child who died through eating tablets containing strychnine.—Mr. Frank Maguire, Clones, co. Monaghan, drank liniment in mistake for a sleeping-draught, with fatal results.—A verdict of "Felo de se" was returned at Hackney, on February 13, in the case of Richard Gustav Bernhardt Jordan, a dispenser at the German Hospital, London, E., whose death was proved to be due to morphine. Other evidence showed that he had been given the alternative of clearing himself of a certain charge (the nature of which was not disclosed) or resigning.

Irish News.

Brevities.

Mr. J. E. Savage, Ph.C., has opened the Medical Hall, Bank Square, Castlewellan.

The Lord Chancellor of Ireland has appointed Mr. Huston Lancashire, Ph.C., Ballymena, Chairman of the Ballymena Urban Council, to the Commission of the Peace for the county of Antrim.

It is only the retail part of the business of John Mortimer & Co., Londonderry, which has been purchased by Mr. R. M. Watson, registered druggist (see *C. & D.*, February 2, p. 36). Messrs. Mortimer are carrying on the wholesale business in the premises recently purchased from Maxwell Green & Co., Ltd.

At the Belfast Police Court on February 6, Mr. John Montgomery, Ph.C., trading as C. & J. Montgomery & Co., 147 Royal Avenue, was summoned for having within the last three months, without being authorised by the Food Controller, proposed to deal in bitter oranges contrary to the provisions of the Apricot Pulp and Bitter Oranges Order, 1917. Mr. M. Harper, who defended, said Mr. Montgomery had acted in ignorance of the law. He did not ordinarily deal in oranges, and in the present instance, when he thought of making a purchase, he wrote to the Board of Trade, and also inquired from other sources, in order to make sure that he was doing what was right. The Stipendiary imposed a fine of 50*s.*, and costs.

Scottish News.

Old Weights and Measures.

A complete and interesting collection of ancient weights and measures belonging to the town of Cupar, most of them having the burgh coat-of-arms engraved upon them, were resurrected recently from a recess in the upper regions of the Town Hall. The oldest of the set is a large shallow copper bushel measure, dated 1707, with two side handles and three ornate feet, and having the sides embellished with crowns and the emblems of England, Scotland and Ireland, and the following inscription: "A. R. Regina I. Maii, 1707 Etieque VI. Anna D. G. Mag. Brit. Franc. et Hibern." The Linlithgow coat-of-arms is also engraven on the side. Another interesting gunmetal bushel measure, bearing the date 1826, has on one side the Cupar coat-of-arms and on the other the names of the then Provost, Magistrates, and Councillors inscribed. There are some wooden measures of the Linlithgow standard and of the Cupar standard. The weights and metal measures are all of fine workmanship. It is proposed to have the collection placed on view in the Town Hall.

Dundee.

During the recent visit of the "Tank," Dundee chemists did their share of allotting advertising space to investment advice.

The advertisements in the local Press during "Tank week" included one from Davidson & Gray, wholesale and retail chemists, Nethergate, announcing "Drugs and proprietary medicines at wholesale prices."

An animated correspondence has arisen in a local paper over the decision of the Dundee and East of Scotland Association to close at 2 P.M. on Sundays on and after March 3. An anonymous correspondent called upon "the working classes of Dundee" to protest against "the hole-and-corner methods of some of the Dundee chemists." Mr. George J. Lindsay (President of the Association) and Mr. William C. Ramsay, pharmacists, have replied in vigorous terms.

Edinburgh.

It is being asked whether the drug-trade will pass through the war untouched by official card systems.

Soap is being quietly purchased by canny citizens at present, with the result that few chemists go in for big displays of it.

It is hinted that the income-tax authorities are out for a trifle more than usual this year. At any rate, several chemists who have not hitherto troubled themselves about stocktaking are finding that present conditions necessitate their doing so.

A chemist at the Front writes to a friend in the trade regarding a happy change in his lot. "My new duties—serving the officers at mess—are not so easily overtaken, though," he says. "My first exploit was to fall while carrying a plate of toast and some jam. This after many months' experience of staggering under the weight of heavy shells!"

Glasgow.

Pharmacies are not included in the new closing order for Glasgow shops.

Dispensing has of late been at high-water mark, and the energy of pharmacy staffs taxed accordingly.

The number of dressings and bandages supplied during January by the South Side War Dressings Depôt, Pollokshields, was 42,845.

Post-bellum business relations with Serbia are projected here: there are Serbian students with this end in view at the Royal Technical College.

Poisoned sweets have apparently made their appearance in Glasgow, as in London. At any rate, a police warning against accepting sweets from strangers has been issued here.

Since the "exhibition" of sugar in restaurants ceased, there has been a great demand for saccharin tablets, and pharmacists are doing good business in them. It is stated that recently, in a Glasgow restaurant, 500 bottles of saccharin tablets were disposed of in one day.

A panel doctor relates with glee his experience over a prescription that he gave to a touchy patient who was inclined to look upon the wine when it was red. Near the end appeared the "p.p.a." beloved of pharmacy students. Some time later it was found that the script had never been presented for dispensing; and the reason given was that the patient applied the three letters to himself, and interpreted them "panel patient alcoholic." "Homo trium literarum," adds a commentator.

French News.

(From the "C. & D." Paris Correspondent.)

Paris Society of Pharmacy.—M. Tiffeneau has been elected Annual Secretary for 1918, and M. François Vice-President. The latter gentleman will, therefore, in the normal course of events, succeed to the presidential chair in 1919.

Mineral-water Salts.—Salts, tablets, and other products for the preparation of artificial mineral waters were (by Article 15 of the Law of December 30, 1916) taxed at the rate of 2c. for the quantity necessary to produce one litre of water. Article 29 of the Finance Law of December 31, 1917, repeals the above decree and provides that henceforth such articles shall be taxed as proprietary medicines.

Police-court Cases.—M. Raoul Henry, pharmacist, 8 Boulevard St.-Marcel, Paris, has been arrested on a charge of supplying sugar to chocolate and sweet manufacturers. It is alleged that he obtained the sugar from the Pharmacists' Association at 1.50fr. per kilo. and sold it at an average of 5.25fr. The amount thus disposed of is said to be a ton, as the practice had extended over many months past.—M. Paul Touillet, pharmacist, Tours, was fined 3,000fr., and condemned to one month's imprisonment, for selling 3,000 ampoules of morphine to a lady known as "Princess Sonia," but whose real name is Severine Zozitowieck.

Awards for Research.—The Montyon Prize of 100*l.* (with two "Berthelot" medals) has been awarded by the Academy of Sciences to MM. Marius Picon and Marcel Lantenois (Pharmacist-Majors), for their work on the manufacture and testing of gas-masks. M. Charles Dufrasse receives "honorable mention" and 60*l.* for his "war chemistry" researches. The Jecker Prize of 400*l.* goes to M. Emile Blaise, of the Faculty of Sciences, for his general works on organic chemistry. M. Berlioz has been awarded the gold medal of the Paris Society of Pharmacy (Natural History Thesis) and M. Lecoq the silver medal. M. Morel takes the Dubail Prize for his essay "On Determining Urinary Acidity."

Roll of Honour.—Sergeant Claude Bernard, son of M. Charles Bernard, member of the Chamber of Deputies, pharmacist at Montmartre, has been wounded in an aerial combat near Noyon.—Michel Dargaignaratz, son of the St.-Jean-de-Luz pharmacist, who served in the Naval Brigade at Dixmude, has been cited in orders as "a model soldier from every point of view."—Assistant-Pharmacist Laurencin (son of the President of the Paris Association), "at the Front since the beginning of the war, has several times volunteered for most perilous services. Distinguished himself in July and August 1916 on the Somme."—Assistant-Pharmacist Homo, "already distinguished at Verdun," has gained a new citation for risky service, "conducting his squad on a road exposed to the view and fire of the enemy," in spite of his temporary illness.—Pharmacist-Major Adolphe Martin, who formerly kept open shop at Paris, has been cited for his "initiative, zeal, and devotion." His son, attached to an artillery regiment as surgeon, "has always made a point of remaining with the guns."—The case of Assistant-Pharmacist Plancke takes us back to the days of manœuvring in the open field before the battle of the Marne. "On August 21, 1914, he volunteered—he was then serving as a cuirassier—for a dangerous reconnaissance. Badly wounded, he insisted on handing his report before having his injuries seen to. His exact and full information enabled his troop to rejoin the rest of the regiment. Though incompletely recovered and unfit for the fighting line, he demanded to go back to the front, and has since served in a front-line ambulance, continuing to give the finest example of energy, courage, and unselfishness.—Auxiliary-Pharmacist J. E. Dumouthier, of the French Army, has been named in Divisional despatches as the "inventor of an automatic oxygen apparatus for artificial respiration, which he has personally tested for the last five months in the front trenches. By this means he has restored to consciousness and saved many seriously asphyxiated sappers, and often shown much courage and self-devotion in going down into mines to assure that the air was respirable."—First-class Assistant-Pharmacist-Major Felix Martin has been cited for very plucky work "since April 1916," going into the front line to assure and test means of protection against asphyxiating gases.—M. Marc Bridel, now First-class Assistant-Pharmacist-Major, and in peace-time Preparator at the Paris School of Pharmacy, has been cited for similar services, which his considerable capacity as a chemist and contempt of danger enabled him to render "in many perilous circumstances."

Colonial and Foreign News.

Oats by Prescription.—The Danish Food Council has obtained a ration of oats for sale in chemists' shops, but only on production of prescriptions duly signed by medical practitioners, who are to give them without fees.

Queensland College of Pharmacy.—A subscription-list, which has met with a ready response, has been opened to obtain funds to tide over the adverse financial condition of the College of Pharmacy at Brisbane. Mr. R. C. Cowley, the Director, is well known to chemists of the United Kingdom.

Potash Salts.—The "Vossische Zeitung" reports that at a meeting of the Potash Syndicate it was announced that in the last nine months of the current business year the potash consignment amounted to approximately 182 million marks. The demand for potash remained very great, but the Syndicate had a large number of unexpected commissions, which could not be executed. The rise in price to be asked for would not exceed 5-6pf.

Drugs for American Troops.—Enormous quantities of drugs and medicines for the use of the American troops in Europe have been purchased and stored in a special building in Washington under strong military guard. Similar large warehouses are being stocked in various parts of the country. The scheme represents many months' work by the Medical Department, in co-operation with the Council of National Defence and the leading manufacturers.

Substitute Frauds.—Proceedings have been instituted in Austria against the makers of "Rumaflor," a substitute for rum found, on analysis, to contain 99 per cent. of water; and also against a manufacturing confectioner for the use of chestnut- and nut-shell flour, and for the sale of an egg-substitute consisting of dyed sodium bicarbonate, which was sold at 15hr. per packet of 20 grams. A flour-"stretcher" was found to consist of powdered hay.

The Halifax Explosion.—The loss to druggists by this fearful explosion is estimated at $50,000 by the National Drug and Chemical Co. In Halifax and Dartmouth (the town on the Eastern side of the harbour) there were thirty-one drug-stores, some totally destroyed, some partly wrecked, and the others damaged more or less. The "Pharmaceutical Era" of New York is making an effort to render prompt financial aid to the Halifax druggists, and has opened a subscription-list, to which by the end of the year $407 had been contributed.

Italian Municipal Pharmacy.—Controversy has run high over the Milan municipal pharmacy (see *C. & D.*, October 13, 1917, p. 38). The body in charge of the scheme has ruffled legitimate pharmacists by inviting unqualified directors of drug companies to the discussion. A central store and dispensary, laboratories, administrative offices, a night office, and thirteen dispensing branches have been opened, and the city has been divided for pharmaceutical purposes into fifty districts. A recent meeting between the Commune and the Chemists' Ordine resulted in an understanding that there is to be no competitive dealing.

Ceylon Excise.—His Excellency the Governor of Ceylon has prohibited, with effect from December: (*a*) The manufacture of any medicated article containing 20 per cent. and upwards of proof-spirit by any person unless he holds a special licence; (*b*) the sale of any medicated article containing 20 per cent. and upwards of proof-spirit by any person unless he holds a licence; (*c*) provided, however, that no licence, whether for manufacture or sale of any medicated article, shall in any case authorise the manufacture or sale of any article containing more than 42 per cent. of proof-spirit.

Sugar Supply in New York.—The American method of handling the sugar shortage, so far as the retail druggist is concerned, in New York City has been going along fairly well, and from 25,000 to 30,000 lb. of sugar is being provided for the retail drug-trade through the Sugar Commission. On December 23, however, the premises of the New York Consolidated Drug Co. at 188 Pearl Street were burnt out. The work of the Sugar Commission was carried out on the upper floor of these premises, which had been lent to the Commission free of charge. About 20,000 lb. of sugar was stored there which had just been taken in, and the bulk of the sugar was destroyed. The Commission had the premises insured to cover the loss, but the serious part of the occurrence is, of course, the actual loss of the sugar. It was for some time a problem as to where the same accommodation and assistance could be obtained, for the manager of the Consolidated Drug Co., Mr. S. V. B. Swann, was the Treasurer of the Commission, and gave his services free.

Legal Report.

Suing Country Traders in London.—In the City of London Court on January 31, before his Honour Judge Rentoul, K.C., Duncan Watson & Co., oil-merchants, Dashwood House, New Broad Street, E.C., sued Mr. A. Jays, Midhurst, for 5*s.* 8*d.*, the balance of account for oil supplied. Defendant wrote and stated he did not owe the money, that the account was for the value of an oil-drum which the plaintiffs would not take back at the time owing to the heavy traffic on the line. As he had since returned the drum, plaintiffs had no claim. Plaintiffs denied that the drum had been returned. Judge Rentoul, K.C., said that as the defendant could not be expected to come to London to defend a claim for 5*s.* 8*d.*, he would remit the case to the Midhurst County Court, where all the parties could be heard.

New Companies
and Company News.

P.C. means Private Company and R.O. Registered Office.

MODERN PHARMACALS, LTD. (P.C.).—Capital 500*l.* Objects: To acquire from J. G. Gordon and E. E. Gumpert, of 48 Mortimer Street, London, all or part of the business carried on by them, and to carry on the business of manufacturers of and dealers in drugs, medicines, medical and surgical appliances, dyestuffs, colours, bleaches, oils, etc.

SCIENTIFIC SUPPLIES, LTD. (P.C.).—Capital 2,000*l.* Objects: To take over the business carried on at 52 Hatton Garden, E.C., by R. MacInnes, and to carry on the business of manufacturers and importers of scientific instruments, chemicals, physical, bacteriological, and physiological apparatus, laboratory glassware, chemicals, and reagents, laboratory-fittings etc. R.O., 52 Hatton Garden, London, E.C.

INTERMEDIATES RESEARCH, LTD. (P.C.).—Capital 20,000*l.* Objects: To take over the business of a dealer in photographic chemicals and preparations carried on by J. H. Nicholson at Wimbledon and elsewhere, and to adopt an agreement with the said J. H. Nicholson and S.O.S., Ltd.; also to carry on the business of chemists, manufacturers of and dealers in industrial preparations, etc. Solicitors: Holmes, Son & Pott, Capel House, New Broad Street, London, E.C. 2.

THE NATIONAL DRUG CO., LTD., 65 Judd Street, King's Cross, London, W.C.—The creditors and shareholders of this company (in liquidation) met on February 6 at the Board of Trade Offices, Carey Street, W.C., Mr. W. J. Warley, Official Receiver, presiding (see *C. & D.*, February 2, p. 37). In the absence of any resolution the liquidation was left in the hands of the Official Receiver. Among the creditors are the following: The British Drug Houses, Ltd., 16*l.*; Pharmaceutical Society, 12*l.*; National Cash Register, 13*l.*

CAMWAL, LTD.—The annual general meeting was held on February 7 at the Midland Grand Hotel, St. Pancras, London, N.W. Mr. Hayward M. Davenport presided, and was supported by Mr. Horace Davenport, Mr. Harry Kemp, and Mr. F. G. Pirie. The Chairman, in moving the adoption of the report and accounts (see *C. & D.*, February 2, p. 37), said that the past year had been the most difficult on record owing to the increased cost of materials, rise in wages, sugar restrictions, depleted staffs, and difficulties of carriage. They had also had to face the enormous burden of the mineral-water tax, which came into force in May 1916, so that the present year had to meet twelve months' taxation as against five in the preceding year, with the result that prices had to be raised. This had affected sales, and the chemists' household trade had also been affected by the further depletion of man-power, which had denuded many homes altogether. Aquaperia is a steadily growing business, purely on its own merits, and he hoped that all chemist shareholders would do their utmost to further sales. It was appalling, he said, that after three and a-half years of war there are still many chemists showing advertisements of enemy waters. Mr. Holding seconded the adoption of the report, which was carried unanimously. The election of Mr. F. G. Pirie, general manager, to a seat on the board was confirmed, and Mr. Pirie, in replying, said that after thirty-six years he could not plead inexperience. Mr. Kemp, referring to the election of Mr. Hayward M. Davenport as managing director, said that he had all the qualifications necessary for that position. Captain F. A. Gould, the retiring director, who is now on active service, was unanimously re-elected.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative

DENTISTS ACT COMMITTEE.

Mr. J. D. Carse, R.D., Hon. Secretary of the Dental Society of Ireland, gave evidence before the Committee on February 13. His examination occupied two hours, and he was able to supply a good many carefully compiled statistics for the Committee relative to the distribution of dentists and dental chemists in Ireland.

NEW SESSION.

The eighth session of the thirtieth Parliament of the United Kingdom of Great Britain and Ireland, appointed to meet on February 12 in the eighth year in the reign of King George V., was opened by his Majesty in person. His speech insisted upon the need for restitution and guarantees against repetition of the wrongs perpetrated by the German Government.

BRITISH DYES.

It is understood (writes our Parliamentary correspondent) that an official announcement will shortly be made respecting the policy of the Government in regard to dyes. It is proposed to allot a sum to dye-manufacturers to encourage them to lay down new plant, or adapt existing plant, with a view to the production of a particular kind of dye which requires great skill in the working, and which is indispensable. This money will probably take the form of Government loans. The importation of dyes, for a period after the war, will be prohibited except on a Government order, and the Government will be the sole importer of foreign dyes, and will also control the production of certain dyes in this country.

Tales of Oenophus.
IX.—In ye Matter of Tytles.

PURSUANT to ye Common Itych for Fame there be alwaye Those desirous of Glorifycatione beyond their Fellowes by ye Acquiremente of Distinctive Markes.

Wherefore it cometh to pass that in ye Thirde Year of ye Greate Warre certayne Persons dabblynge in Alchemie—and making More or Less Profit therebye—bethought Them to grabbe to Themselves a Tytle.

Nowe, it happed that this Tytle was ye Lawfull Propertie of yo Professors of Farma Zooticks. Whereupon there arose Greate Squabblemente and muche Expulsione of Hotte Ayre. In ye Whyche it was apparente that ye Tribal Chiefs of Effeyecee were Unbelovéd in ye Kingdome of Alchemic.

So ye Overlord of ye Striken Tribe took counsel with ye Overlord of Farma Zooticks, and there was Much Palaver. But Nothynge Overte.

For there are Considerationes of Publick—and Pryvate—Polity. Eke there be Other Tytles, such as that of Knightliehoode; and ye Juste Rewardes of Barristrie and ye Pursuite of Politicks to be Borne in Minde.

"Followynge blyndlie ye Pypynge of ye Obee leadeth Nowhither," quo' the Unversed in Suche Affaires.

But One Never Knoweth.

A Lincolnshire Field of Poppies.

Grown by Mr. Joseph Seymour at his drug farm, Holbeach. The field covers fourteen acres. Mr. Seymour is on the left of the photograph.

Birth.

HETHERINGTON.—At 56 Hazelbourne Road, Clapham, London, S.W., on February 1, the wife of William Hetherington, Ph.C., of a son.

Marriage.

LEAHY—McCOY.—At the Pro-Cathedral, Dublin, on February 8, by the Rev. Father O'Reilly, C.C., James William Leahy, B.A., L.P.S.I., to Maggie, youngest daughter of Mr. Patrick McCoy, Curraghmore House, co. Limerick.

Deaths.

BARR.—At Brooklyn, New York, on December 25, 1917, Mr. James Barr, elder son of Mr. Robert Barr, chemist and druggist, Gourock. After serving his apprenticeship with his father, Mr. Barr went to the United States and there qualified as pharmacist. After opening and successfully establishing the "Parkville Pharmacy," he took up a position in Fifth Avenue, Brooklyn.

BREWER.—At "Fairlea," Wylde Green, on February 3, Mr. James Curtis Brewer, aged sixty-seven. For the past twenty years Mr. Brewer was senior representative of Cuxson, Gerrard & Co., Ltd., and for over twenty years previously had been chief dispenser at the Birmingham General Hospital.

FIELDING.—At "Rovigo," Victoria Road, Cork, on February 9, Hannah Maria (Cissie), wife of Mr. Patrick J. Fielding, Ph.C. The funeral took place on February 12, and among those present, in addition to numerous relatives, were the Lord Mayor of Cork, the City High Sheriff, the City Solicitor, and the staff of Mr. Fielding's pharmacy.

MILLS.—Recently, Mr. Frank Gordon Mills, chemist and druggist, Hawthorn Grove, Coombe Down, Bath, aged twenty-eight. Mr. Mills, who for several years past had been in delicate health, was at one time in the pharmacy of his brother, Mr. A. E. Mills, chemist and druggist, George Street, Bath, and latterly became dispenser to the Bath Royal United Hospital. At the funeral, which took place at Locksbrook Cemetery on February 11, the Bath Pharmaceutical Association were represented, and sent a wreath.

PROBYN.—At 49 North Gate, Regent's Park, London, N.W., on February 10, Lieutenant-Colonel Clifford Probyn, V.D., D.L., J.P., L.C.C., of Hooper, Struve & Co., Ltd., chemists and aërated-water manufacturers, 7 Pall Mall East, S.W., aged seventy-six. The pharmacy of Hooper, Struve & Co., is one of the best-known in the Metropolis, and for many years Lieutenant-Colonel Probyn was the head of the business, which was chiefly devoted to high-class dispensing and retail. Lieut.-Colonel Probyn was active in public affairs, and had filled many civic and Masonic positions. For many years he acted as Chairman of the Vestry of St. Martin-in-the-Fields, and when the London County Council was brought into being he was selected as member for the Strand division. He had held the seat ever since, and at the time of his death was one of the few original members of the first Council. Of the Westminster City Council he had been a member since its formation in 1900, and succeeding the late Duke of Norfolk, the Charter Mayor, occupied the Mayoral chair in 1901-2, and represented the city at the Coronation of King Edward. Lieutenant-Colonel Probyn, who wore the Volunteer decoration, served in the 13th Middlesex Volunteer Rifle Corps, and was a representative member of the London Territorial Force Association. He was also an ardent Freemason, and had held the office of Grand Treasurer of the Grand Lodge of England. Lieutenant-Colonel Probyn was in business as a chemist and druggist before the passing of the Pharmacy Act 1868.

LIEUTENANT-COLONEL C. PROBYN.

SCHEELE.—At 366 Upper Mountain Avenue, Montclair, New Jersey, U.S.A., on February 12, Mr. Edward H. Scheele, late of 3 Lloyds Avenue, London, E.C., aged forty-six.

SHACKLOCK.—At 239 High Road, Streatham, London, S.W., on February 3, suddenly, Mr. James Harvey Shacklock, Ph.C., aged fifty-six.

SHERLOCK.—At "Redwood," Dentons Green Lane, St. Helens, on February 10, Mr. Thomas Sherlock, chemist and druggist, aged eighty-four. Mr. Sherlock was the son of a St. Helens chemist, and served his apprenticeship at Wolverhampton. He was prominently identified with local scientific, literary, and masonic societies.

STANING.—On February 8, suddenly, Mr. Walter Staning, chemist and druggist, Anlaby Road, Hull, aged sixty-two. Mr. Staning was the son of a chemist in Cogan Street, and carried on business in Anlaby Road for many years. He was an Honorary Secretary of the Hull Pharmacists' Association, and a Churchwarden of St. Mary's, Low Gate, where a service was held prior to the interment on February 11. He is survived by a widow, a son, and a daughter.

TIDSWELL.—At 40 Main Road, Denholme, on February 9, Mr. Frederick Tidswell, J.P., chemist and druggist, aged sixty-four. Mr. Tidswell started life as a mill operative, and subsequently became a chemist. He was for twenty years a member of the Denholme Urban District Council, and in 1908 was made a Justice of the Peace. He is survived by a widow, a son, and three daughters.

WILSON.—At 77 Promenade, Bridlington, on February 6, Mr. William Henderson Wilson, chemist and druggist, aged forty-one. Mr. Wilson was manager for Taylor's Drug Co., Ltd., at the Prince Street, Bridlington, branch for over eighteen years.

Died on Service.

CLARKE.—On February 4, accidentally killed while flying in England, Lieutenant Wilfrid Randall Clarke, Royal Field Artillery, attached to R.F.C., elder son of Mr. R. Feaver Clarke, J.P., Ph.C., Gravesend, aged twenty-six. Lieutenant Clarke visited his home as recently as the previous week-end; and the greatest sympathy is felt for those bereaved by his death. The funeral took place on February 7.

REES.—Pioneer Emrys Beynon Rees, R.E., has died of wounds received on service. He enlisted while with Mr. William E. Rees, chemist and druggist, Barry Dock

SALTER.—Lieutenant Cyril Salter, R.N.R., was killed at sea, on February 2, while in command of a transport vessel. Lieutenant Salter was the second son of Mr. Leonard Salter (representing Allen & Hanburys, Ltd.), 12 Azalea Avenue, Sunderland.

Personalities.

MR. EDWARD ALLAN BOX has been appointed official Secretary for the Commonwealth of Australia in London.

MR. A. ASHFIELD, Ph.C., High Street, Shanklin, has been appointed Organist of the Chine Lodge of Freemasons.

MR. FRANK G. HOLORAN, chemist and druggist, Carolgate, Retford, has been elected a member of the Committee of the Retford Traders' Association.

BRO. CECIL STONELAKE, chemist and druggist, Smith Street, Guernsey, has recently been installed as Worshipful Master of Mariners Lodge of Freemasons, No. 168.

AN ORGAN has been purchased by subscription for the Wesleyan Sunday School, Melton Mowbray, as a memorial to the late Mr. Josiah Gill, J.P., chemist and druggist.

ALDERMAN OWEN A. CLARK, M.B.E., chemist and druggist, who has been Mayor of Bury St. Edmunds throughout the war, has been appointed a director of the local gas company.

MR. THOMAS MELROSE, chemist and druggist, manager of the Barrow-in-Furness branch of Taylor's Drug Co., Ltd., has been elected President of the Barrow and District Pharmacists' Association.

SIR JOSEPH J. THOMSON, O.M., Cavendish Professor of Experimental Physics at Cambridge and Professor of Physics at the Royal Institution, has been appointed Master of Trinity College, Cambridge.

MR. GEORGE HENRY LODGE, L.R.C.P., L.R.C.S. Edin., chemist and druggist, Osborne House, Rotherham, has been elected Little Greave of the Rotherham Feofers' Common Lands for the ensuing year. Dr. Lodge is a Past-President of the Sheffield Pharmaceutical and Chemical Society.

MR. EDMUND JONES, chemist and druggist, Miles Bank, Hanley, has been appointed a Justice of the Peace for the County Borough of Stoke-on-Trent. Mr. Jones has been prominently associated with the local administration of the Military Service Act and of the National Insurance Acts.

English and Welsh Drug Tariff.

The following are the alterations for January in the Drug Tariff issued by the National Health Insurance Commissioners for England and Wales.

Lower: Atrop. sulph., 7*s.* 9*d.* gram; bism. oxid., 1*s.* 8*d.* oz.; emul. olei morrhuæ, B.P.C., 1*s.* 10*d.* lb.; glycer. acid. carbol., 5*s.* 3*d.* lb.; glycer. acid. tannic., 1*s.* 9*d.* lb.; glycer. boracis, 1*s.* 2*d.* lb.; glycer. pepsin., 6*s.* 4*d.* lb.; glycer. thymol. co., B.P.C., 1*s.* 6*d* lb.; liq. cresol. sap., 1*s.* 7*d.* lb.; phenacetin, 3*s.* 10*d.* oz.; phenolphthalein, 5*s.* 8*d.* oz.; resorcinum, 4*s.* 9*d.* oz.; sodii salicylas (cryst.), 11*s.* 6*d.* lb.; syr. calc. lactophosph., 2*s.* 4*d.* lb.; syr. ferri phosph., 1*s.* 2*d.* lb.; syr. sennæ, 1*s.* 7*d.* lb.; syr. zingib., 1*s.* 3*d.* lb.; thyroid. sicc., 2*s.* 8*d.* oz. *Higher:* Acetanilidum, 6*s.* 2*d.* lb.; acetum cantharidini, 3*s.* 10*d.* lb.; acetum ipecac., 2*s.* 8*d.* lb.; acetum scillæ, 8*d.* lb.; acid. acetic. glacial., 5*s.* 3*d.* lb.; acid. benzoic. (synthetic), 1*s.* 9*d.* oz.; acid. hydrochlor., 9½*d.* lb.; acid. sulphuros., 4*d.* lb.; acid. tartaric., 3*s.* 7*d.* lb.; adeps benz., 2*s.* 5*d.* lb.; adeps præp., 2*s.* 3*d.* lb.; aloinum, 7*d.* oz.; ammon. carb., 2*s.* 5*d.* lb.; ammon. ichthosulph., 4*d.* oz.; amyl nitris, 9*d.* oz.; amylum (maize), 9*d.* lb.; aq. anethi, 5½*d.* lb.; aq. anisi, 5½*d.* lb.; aq. aurant. flor., 1*s.* lb.; aq. camph., 5½*d.* lb.; aq. carui, 5½*d.* lb.; aq. chlorof., 4½*d.* lb.; aq. cinnam., 7½*d.* lb.; aq. cinnam. ex conc., 6*s.* 8*d.* lb.; aq. fœniculi, 5½*d.* lb.; aq. menth. pip., 6½*d.* lb.; aq. menth. vir., 5½*d.* lb.; aq. pimentæ, 5½*d.* lb.; aq. rosæ, 1*s.* 1*d.* lb.; argent. proteïnat., 1*s.* 7*d.* oz.; butyl-chloral hyd., 12*s.* 5*d.* oz.; caffeina, 5*s.* 3*d.* oz.; calc. chlorid., 1*s.* 2*d.* lb.; camphora (flowers), 4*s.* 11*d.* lb.; capsulæ ol. santal., ♏10, 15.84*d.* per doz.; carbo ligni pulv., 5½*d.* lb.; chloral hydras, 1*s.* 4*d.* oz.; chloroform., B.P., 5*s.* 9*d.* lb.; chloroform. camph., B.P.C., 7*s.* lb.; codeina, 6*s.* 8*d.* dr.; codein. phosph. 6*s.* dr.; collod. aceton., B.P.C., 7*s.* 6*d.* lb.; collod. belladon., B.P.C., 17*s.* lb.; collod. flexile meth., 4*s.* 3*d.* lb.; collod. salicylic., B.P.C., 10*s.* lb.; conf. guaiaci co., B.P.C., 2*s.* 4*d.* lb.; conf. piperis, 3*s.* 4*d.* lb.; conf. sennæ, 1*s.* 11*d.* lb.; conf. sulphuris, 2*s.* 3*d.* lb.; cret. præp., 5*d.* lb.; dec. hæmatox. (ex conc.), 2*s.* 10*d.* lb.; dec. sarsæ jam. co. (ex conc.), 7*s.* 2*d.* lb.; diamorph. hydrochl., 7*s.* 6*d.* dr.; digit. fol. ang. pulv., 3*s.* 10*d.* lb.; emuls. ol. morrh. c. hypoph., B.P.C., 3*s.* lb.; ext. bellad. sicc., 3*s.* oz.; ext. bellad. vir., 13*s.* 9*d.* lb.; ext. casc. sagr. sicc., 8*s.* 6*d.* lb.; ext. cinchonæ liq., 5*s.* 6*d.* lb.; ext. coloc. co., 11*s.* 6*d.* lb.; ext. ergotæ, 2*s.* 3*d.* oz.; ext. ergot. liq., 6*s.* 6*d.* lb.; ext. hyoscyam. sicc., 2*s.* oz.; ext. nucis vom. sicc., 1*s.* 2*d.* oz.; ext. opii sicc., 14*s.* 9*d.* oz.; ext. viburn. liq., 10*s.* 3*d.* lb.; ferri et ammon. cit., 4*s.* 1*d.* lb.; ferri et pot. tart., 5*s.* lb.; gent. rad. incis., 1*s.* 5*d.* lb.; glycer. acid. boric., 5*s.* 3*d.* lb.; hexamina, 7*s.* 2*d.* lb.; hydrarg. ammon. p., 9*s.* 9*d.* lb.; hydrarg. c. creta, 3*s.* 10*d.* lb.; inf. cinch. acid. (ex conc.), 4*s.* 3*d.* lb.; inf. krameriæ (ex conc.), 2*s.* 4*d.* lb.; inf. rhei (ex conc.), 3*s.* lb.; inf. ros. acid. (ex conc.), 4*s.* 2*d.* lb.; inf. sennæ (ex conc.), 3*s.* lb.; lin. aconit. meth., 3*s.* 4*d.* lb.; lin. camph., 4*s.* lb.; lin. camph. am. meth., 3*s.* 2*d.* lb.; lin. chlorof., 4*s.* 9*d.* lb.; lin. hydrarg., 4*s.* 6*d.* lb.; lin. methyl. sal. co., B.P.C., 11*s.* lb.; lin. opii meth., 7*s.* 6*d.* lb.; lin. pot. iod. c. sap., 3*s.* 10*d.* lb.; lin. sap. meth., 1*s.* 10*d.* lb.; lin. terebinthinæ, 2*s.* 1*d.* lb.; lin. tereb. acet., 4*s.* lb.; liq. arsenicalis, 8½*d.* lb.; liq. arsenici hydrochl., 10½*d.* lb.; liq. arsen. et hydrarg. iod., 1*s.* 5*d.* lb.; liq. atrop. sulph., 3*s.* oz.; liq. bism. et am. cit., 1*s.* 8*d.* lb.; liq. calcis sacch., 8½*d.* lb.; liq. calcis sulphuratæ, B.P.C., 6½*d.* lb.; liq. epispasticus, 24*s.* 6*d.* lb.; liq. ferri acet., 10½*d.* lb.; liq. ferri perchlor., 5*l.* lb.; liq. ferri perchlor. fort., 9½*d.* lb.; liq. formaldehyd., 1*s.* 11*d.* lb.; liq. guttapercha, B.P.C., 7*s.* 4*d.* lb.; liq. hamamelidis, 2*s.* lb.; liq. hydrogen. perox., B.P., 8*d.* lb.; liq. hydrogen. perox. (20 vols.), 1*s.* 2*d.* lb.; liq. morph. acet., 5*s.* 8*d.* lb.; liq. morph. hydrochl., 5*s.* 8*d.* lb.; liq. opii sed., B.P.C., 17*s.* 6*d.* lb.; liq. pancreatis, 4*s.* 6*d.* lb.; liq. picis carbonis, 6*s.* 4*d.* lb.; liq. plumbi subacet. fort., 7½*d.* lb.; liq. potassæ, 8*d.* lb.; liq. sodæ chlorinat., 4½*d.* lb.; liq. strych. hydrochl., 3*s.* lb.; liq. zinci chlor., 1*s.* 3*d.* lb.; lot. hydrarg. flav., 6½*d.* lb.; lot. hydrarg. nigr., 9½*d.* lb.; magnesia levis, 4*s.* 3*d.* lb.; mag. carb. lev., 1*s.* 7*d.* lb.; mag. carb. pond., 1*s.* 8*d.* lb.; mag. sulph. effervesc., 2*s.* 7*d.* lb.; methyl salicylas, 7*d.* oz.; mist. ol. ricini, 2*s.* 1*d.* lb.; morph. hydrochl., 17*s.* 7*d.* oz.; mucilag. acaciæ, 1*s.* 5*d.* lb.; mucilag. tragac., 1*s.* 7*d.* lb.; naphthol, 1*s.* 5*d.* oz.; ol. cajuput., 7*s.* lb.; ol. croton., 9½*d.* oz.; ol. cubebæ, 4*s.* oz.; ol. menth. pip. (redistilled), 24*s.* 6*d.* gal.; ol. olivæ (sublime), 28*s.* gal.; ol. ricini (bleached), 2*s.* 1*d.* lb.; ol. tereb. rectif., 1*s.* 9*d.* lb.; oxymel scillæ, 1*s.* 7*d.* lb.; papav. capsulæ ang., 6*s.* 8*d.* per 100; paraff. dur., 1*s.* 1*d.* lb.; pil. quin. sulph., gr. j., 1.92*d.* per doz.; ditto, gr. ij., 3.33*d.* per doz.; plumbi acet., 2*s.* 2*d.* lb.; podoph. res., 2*s.* 3*d.* oz.; pot. acet. (dry granules), 5*s.* 8*d.* lb.; pot. cit., 5*s.* 7*d.* lb.; pot. permang., 21*s.* lb.; pot. sulph., 2*s.* 3*d.* lb.; pot. tart. acid., 4*s.* lb.; pulv. catech. co., 3*s.* lb.; pulv. cinnamomi co., 5*s.* lb.; pulv. cretæ aromat., 1*s.* 7*d.* lb.; pulv. cretæ c. opio, 4*s.* 6*d.* lb.; pulv. glycyrrh. co., 1*s.* 8*d.* lb.; pulv. jalap. co., 5*s.* lb.; pulv. kino co., 9*s.* 6*d.* lb.; pulv. lobeliæ co., B.P.C., 3*s.* 4*d.* lb.; pulv. opii co., 13*s.* 4*d.* lb; pulv. rhei co., 3*s.* 2*d.* lb.; pulv. scammon. co., 11*s.* lb.; pulv. sodæ tart. eff., 10.75*d.* per doz.; quin. hydrochl., 6*s.* oz.; quin. hydrochl. acid., 6*s.* 8*d.* oz.; quin. sulph., 4*s.* 4*d.* oz.; sacc. lact., 3*s.* 6*d.* lb.; salicin., 3*s.* 2*d.* oz.; scammon. res., 13*s.* 4*d.* lb.; sennæ fructus (picked Tinnev.), 2*s.* 3*d.* lb.; sodii benz., 1*s.* 9*d.* oz.; sodii bicarb. (opt.) (in 28-lb. lots), 26*s.* 6*d.* cwt.; sodii citro-tart. (eff.), 3*s.* 4*d.* lb.; sodii et pot. tart., 1*s.* 9*d.* lb.; sodii hypophosph., 5½*d.* oz.; sodii sulphocarb., 4*s.* 6*d.* lb.; spt. æther. co., 8*s.* 3*d.* lb.; spt. æther. nitrosi, 5*s.* 7*d.* lb.; spt. chlorof., 6*s.* 2*d.* lb.; spt. juniperi, 13*s.* 9*d.* lb.; spt. rectificatus, 5*s.* 9*d.* pint; spt. vini meth., 12*s.* gal.; strontii bromidum, 6½*d.* oz.; strych. hydrochlor., 6*s.* 4*d.* oz.; succ. scoparii, 2*s.* 10*d.* lb.; succ. tarax., 3*s.* 2*d.* lb.; sulphonal, 5*s.* oz.; suppos. morphinæ, gr. ¼, 9*d.* per doz.; ditto, gr. ½, 11*d.* per doz.; ditto, gr. j., 1*s.* 1*d.* per doz.; suppos. glycerini, 30 ♏, 9½*d.* per doz.; ditto, 60 ♏, 1*s.* 2*d.* per doz.; syrupus, 11*d.* lb.; syr. cascaræ aromat., 2*s.* 6*d.* lb.; syr. chloral., 4*s.* 3*d.* lb.; syr. codeinæ phosph., 3*s.* 10*d.* lb.; syr. glycerophosph. co., B.P.C., 3*s.* 4*d.* lb.; syr. pruni virg., 1*s.* 7*d.* lb.; syr. tolut., 1*s.* 3*d.* lb.; tab. Easton., 1 dr., 2.34*d.* per doz.; ditto, ½ dr., 1.62*d.* per doz.; tab. sulphonal, B.P.C., gr. v., 9.00*d.* per doz.; terebenum, 4*s.* 9*d.* lb.; thymol, 5*s.* oz.; tr. asafet., 6*s.* 4*d.* lb.; tr. aurantii, 6*s.* 2*d.* lb.; tr. benzoini co., 7*s.* 6*d.* lb.; tr. camph. co., 4*s.* 3*d.* lb.; tr. capsici, 4*s.* 3*d.* lb.; tr. cardam. co., 4*s.* 3*d.* lb.; tr. chlorof. et morph. co., 8*s.* 6*d.* lb.; tr. chlorof. et morph., '85, 3*s.* 8*d.* lb.; tr. cinchon. co., 5*s.* 8*d.* lb.; tr. ferri perchlor., 1*s.* 11*d.* lb.; tr. hamamel., 3*s.* 6*d.* lb.; tr. quin. ammon., 5*s.* 6*d.* lb.; tr. rhei co., 5*s.* lb.; tr. stropbanth., 7*s.* 2*d.* lb.; tr. valerian. ammon., 5*s.* 6*d.* lb.; ung. acid. boric., B.P., 1*s.* 5*d.* lb.; ung. acid. carbol., 1*s.* 7*d.* lb.; ung. acid. salicyl., 2*s.* 1*d.* lb.; ung. glyc. plumbi subacet., 2*s.* 3*d.* lb.; ung. hydrarg., 4*s.* 6*d.* lb.; ung. hydrarg. co., 4*s.* 6*d.* lb.; ung. hydrarg. nit., 4*s.* 3*d.* lb.; ung. hydrarg. nit. dil., 2*s.* 2*d.* lb.; ung. hydrarg. oxid. flav., 1*s.* 9*d.* lb.; ung. iodoformi, 5*s.* 3*d.* lb.; ung. paraffin. alb., 1*s.* 8*d.* lb.; ung. paraffin. flav., 1*s.* 2*d.* lb.; ung. resinæ, 3*s.* 6*d.* lb.; vinum antimoniale, 2*s.* 1*d.* lb.; vinum colchici, 5*s.* lb.; vinum ipecac., 3*s.* 2*d.* lb.; zinci oxid., 1*s.* 6*d.* lb. Bandages.—Grey, open wove: 1 in. × 3 yds., 0.78*d.*; 2 in. × 4 yds., 2.22*d.*; 2½ in. × 4 yds., 2.67*d.*; 3 in. × 4 yds., 3.08*d.*; 4 in. × 4 yds., 4.08*d.* White, open wove: 1 in. × 3 yds., 0.96*d.*; 2 in. × 4 yds., 2.46*d.*; 2½ in. × 4 yds., 3.00*d.*; 3 in. × 4 yds., 3.50*d.* Indiarubber (elastic web), 2½ in., 6.50*d.*; 3 in., 7.75*d.* per yd. Lint, boric, 1 oz., 2.75*d.*; 4 oz., 8.50*d.*; 8 oz., 17.00*d.*; 1 lb., 33.00*d.* Wool, cotton, 1 oz., 2.50*d.*; 4 oz., 8.50*d.*; 8 oz., 16.00*d.*; 1 lb., 33.00*d.* Oiled cambric, per sq. yd., 30.00*d.* Tow, 9.00*d.* per lb. Ice-bags, rubber, helmet-shape, 96.00*d.* each. Catheters, best brown gum elastic, 6.00*d.*

Trade Notes.

Ronoleke Hot-water Bottles.—The new prices, wholesale and retail, for the Ronoleke hot-water bottles are advertised in this issue by Campbell, Achnach & Co., Ltd., 59 Wallace Street, S.S., Glasgow.

Cream Ointments.—Ayrton, Saunders & Co., Ltd., Liverpool, ask us to state that the extraordinary demand for their cream ointments has somewhat delayed the execution of orders. In the meantime orders are being filled in rotation.

Condy's Crystals.—Condy & Mitchell, Ltd., draw attention to the fact that this preparation is protected under the scheme of the Proprietary Articles Trade Association, to retail at 1*s.* 3*d.* The wholesale prices have been adjusted to allow a good profit to the retailer. Condy's Crystals have lately been in increasing demand with the public owing to the prohibitive price of permanganate of potash, and chemists should stock them as the preference of the public is likely to be permanent.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

257/62. Makers or suppliers of circular sieve-bottoms of silk bolting gauze, with 10, 20, 30, and 40 holes per linear c.m.

1/67. "La Corona" perfumery.
1/26. "Cremolax."
1/26. Chloramina antiseptic soap.

INFORMATION SUPPLIED.

Baines' dielectric, 252/25
Cachet apparatus (French makers), 247/9
"Empire" teats, 224/73
Emulsifying machines, 231/2
Himrod's asthma cure, 171/2
"Histogenol" (Naline), 180/73
"Kerol" disinfectant, 204/57
"Khovah" bath-salts, 233/53
Sloan's liniment: agents, 195/28 and 227/42
Smith's potassium compound, 232/12 and 256/8
"Thymogen," 201/65
"Thyratoxine," 228/5
Thyroid gland, 253/18

Observations and Reflections.

By Xrayser II.

Mr. Denman's Judgment in the Morphine Case

will, it is hoped, be tested by appeal to a higher Court; we ought to know precisely how we stand with regard to the repetition of prescriptions containing scheduled poisons, and the Act of 1868 does not, as Mr. Denman himself seems to have felt, by any means make this clear. The Act says nothing at all about repetitions, but it does say that when such prescriptions as the one in question are dispensed "the ingredients thereof" shall be entered into a book kept for the purpose, and logically it would seem that this should be done every time they are repeated. It is news to me that many chemists do not make a practice of entering "repeats." As for the lapse of time between the writing of the prescription and the present, that does not in such a case of continuous use as this affect the question; on the grounds on which judgment was actually given Mr. Evans would have been equally liable if instead of thirteen years thirteen hours only had elapsed, and this is what makes the case so important to us all.

Three Months Hence

we shall be called upon to elect for the ensuing year a third of the Pharmaceutical Council. The fourteen members who will remain in office will include the four or five more or less progressive men who have been elected within the last two years or so, and the question of questions for all who have the interests of the craft at heart is how many more of the same way of thinking we can add to their number. We cannot hope in this single election to alter radically the colour of the Council, but we have a better opportunity for modifying it profoundly than we have ever had before, and stronger reason for straining every nerve in the attempt. We have already a very considerable progressive nest-egg in the Council. If we can go one or two better this year than we did last, we shall have, not indeed a preponderating, but still a very strong influence there, and may reasonably hope to see the advanced party come out "top dog" next year. And we have now the immense advantage of a rallying-point and initiative in the Progressive Pharmacy Club. Young as this Association is, it has done more for the enlightenment and ventilation of pharmaceutical politics than all our local Associations put together, because it has had a definite object and consistent policy, and is moreover in close touch with a larger *clientèle*. The time has come when definite action with a view to the election should be taken, a programme announced, and candidates chosen. I hope there will be no revival of last year's canting objection to a contest in war-time; it is precisely the war and the problems it forces upon us that should stir us into action.

The Substitution of "Qualifying" for "Minor"

as the name of the examination which gives us the legal power to keep open shop as chemists and druggists is an entirely right step; it removes the stigma attaching to the term "Minor" and indicates exactly the value of the examination. Why Mr. Gifford should think it a stupid word to use I cannot conceive, for he cannot have any good reason for the opinion. It is true that "qualifying" has a good many different meanings—nearly a score, I might say—but this objection, if it were one, would apply with equal force to any word we could use in its place, and there can be no possibility of doubt what it will mean in our amended by-laws. It is there used in the familiar legal sense it has in Blackstone's "Commentaries," where we read: "These game laws do indeed qualify nobody except a gamekeeper to kill game"; that is to say, it means "making legally capable."

The Institute of Chemistry

seems to have its "Progressives" too, and to be experiencing something like the same difficulties with them as those which trouble our own Society. It is also evidently being urged by outsiders to more violent action than its leaders are ready to take, and this may perhaps account in part for its approaches to us with regard to our title. Be this as it may, it is impossible to read without a chuckle of amusement your report of the meeting at the Royal Society of Arts on February 4. These professional gentlemen are, it appears, in all essentials of like passions with ourselves; it is not pure science they are after, but "status"; they want a name to conjure with, and yet in the same breath they declare themselves ready to descend even to trade unionism in defence of their interests. Trade or profession, we are, it seems, all tarred with the same brush.

The Death of Professor Remington

reminds me of the old controversy as to the spelling of *asafœtida*, in which, in common with his friend Attfield, he took part. Up till then the *s* was as frequently doubled as not, but the single *s* is now universal. The pronunciation of the word has also been in dispute, though I do not remember whether it was so at the time referred to. Ought the antepenultimate syllable to be long or short? According to analogy it should be long, for the diphthong *œ* is always long in Latin, and I can think of no other English word in which it is not so, but customarily it is short here. Nares, writing in 1784, says, "In *Assa-fœtida* the *œ* is commonly pronounced like *e* short," which suggests that it was not always so, and I fancy that in *fetid* the first syllable is oftener long than short. *Asa fœtida* is, of course, the stinking gum, as *asa odorata* (gum benzoin) is the sweet gum.

I am Indebted to Mr. Charles Philip,

of Herne Bay, for a copy of his very useful Standard Retail-price List—new edition of January 1918. It is greatly enlarged and improved, and might with advantage be adopted as the basis of all local price-lists, and as a guide to the individual pharmacist where these are unknown. It is admirably arranged so as to show at a glance the wholesale list price, adjusted cost of 16 fl. or apothecaries' weight ounces; the percentage of profit; the retail price from 1 oz. to 16 oz. avoir.; and the dispensing price for ʒxvj., as well as for smaller quantities from ʒj. to ʒviij. Since it was first issued the list has grown from 82 lines to 900 lines. The price is 1*s.* post free.

"Have you Tried Cocoa-butter?"

asked a lady friend the other day in answer to my complaint that I was reduced temporarily to the necessity of eating my bread without butter. She assured me that she had been buying some at her grocer's and found it excellent. "The children," she said, "like it immensely; it is as good as chocolate." I suggest that before the taste for it becomes general chemists will do well to replenish their stock, as a scarcity is sure to ensue. My friend said she had paid 2*s.* 4*d.* a pound for the article. It will be understood that I infer from her description that it is ol. theobrom. that she was speaking of.

"Eccentric" or "Excentric"?

Undoubtedly the former, if we follow Greek and Latin usage, for in neither language is the other form found. The Greek *ek* is equivalent to the Latin *ex*, and indeed took that form before a vowel, but even in Latin it did not do so in this word. "Excentric" is probably due to French influence, for in French the first *c* of the Latin *eccentricus* becomes, as it does also in Spanish, *x*. "Excentric" occurs in a good many English writers, but it is very rarely used now, and never, I think, except in works of science.

"Co-operative Medical Bottle Co., Ltd."—"Truth" of February 13 warns its readers against the wiles of the promoters of a company which is offering 5,000*l.* bond stock to chemists and doctors. The proposal is doubly baited with an offer of preferential treatment in the supply of bottles.

BRONCHITIS, ASTHMA, COUGHS, INFLUENZA, &c.

"SANITAS-INHALANT"

Is now being advertised, and should be stocked by all Chemists.

2s. 6d. BOTTLES.

Most Effective Remedy for all Lung and Throat Affections.

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ENEMY ADVERTISING

This Journal is conducted in the interests of British Industry and of commercial and technical intercourse between the British Dominions and friendly Nations. Subject to the conditions of Peace, its pages will not be available for assisting the recovery of markets for German and Austrian goods.

An announcement of particular interest to you appears in this issue on page 7.

NOTICE TO THE TRADE

ADVANCE IN PRICE OF

"PYLITNA" POWDERS.

We hereby give notice that the Retail price of "PYLITNA" Powders, Ointments and Tablets is

5/- per box.

After deducting extra sixpenny duty stamp, old stock will show, at 5/-, a retail profit of 2/7½ per box, if bought on our best co-operative terms.

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Specially packed for Chemists. Write for Sample & Terms to

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PATENTS AND TRADE MARKS.

There are many worrying difficulties to be overcome in connection with the Registration of Trade Marks and the grant of Letters Patent which members of the Retail and Wholesale Drug Trade can avoid by consulting an efficient agent, who would undertake all the trouble for an inclusive fee and obtain protection in the United Kingdom and abroad. Advice in the first instance free. Pamphlets gratis.

56 Ludgate Hill, London, E.C. 4. REGINALD W. BARKER.

Fletchers' Concentrated Liquors, *offer a perfect alternative to the discarded B.P. Tinctures and Syrups.*

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Editorial Articles.

Quinine Wanted in Siam.

THE recorded deaths from fevers in Burma far exceed those from any other known cause, and there are no statistics available to show how many thousands of people are laid up for weeks and months after attacks of malarial fever, and incapacitated from performing work of any kind. At the present time the remedial and prophylactic value of quinine is universally admitted, and the Burmese Government for some years has been turning out 1-gr. and 5-gr. tablets of sulphate of quinine at the Rangoon Central Jail, for distribution and sale at cheap rates in the various districts where malarial fever most prevails. In the most recently published Burma Sanitary Administration Report it is stated that the outturn by the Rangoon Jail tablet-manufactory in 1916 of 5-gr. tablets was 5,208,890, and of 1-gr. tablets 5,085,800. The average quantity per head of population of the province disposed of through approved agencies was 3.32 gr. Owing to the war and the scarcity of steamers available, it is stated that the Rangoon Jail quinine-manufactory has been placed in great difficulties during the year in its efforts to meet the indents for quinine received from the several districts. Certain dies of the steam-driven tablet-making machine having worn out, duplicates have been indented for from England, and pending their arrival, which has been delayed owing to the war, the work had been carried on so far as possible by the use of hand-machines. Considering that Rangoon possesses iron-foundries, machine-shops of every sort, and experienced workmen, with a fleet of over a hundred river steamers and launches, it seems curious that the necessary dies could not be produced locally. The Report also says:

"The supply of brown cartridge-paper for the manufacture of tubes and for packing, which is obtained from India, ran out, and newspapers have had to be utilised as a substitute for the outer covering of the packets. It is hoped that these disabilities will be remedied in the near future."

Here, again, the Government authorities seem to have failed to recognise local industries and resources. Very good umbrellas are made at several places in Burma and the Shan States, of wonderfully lasting qualities, considering they are manufactured entirely of locally made paper and bamboo! As difficulty was experienced in supplying tablets to our own malarious districts in Burma, it is hardly to be wondered at that the authorities objected to the fact, when it was brought to notice, that speculators were making considerable profits by purchasing large quantities of Government quinine from District

Treasury offices in Burma, and selling it across the border in the territories of our ally Siam. The sale of quinine to Siam might be profitably taken up in Great Britain after the war. Quinine tablets containing 1 and 2 gr., packed in small glass bottles with a screw-top, if shipped to Bangkok, would probably find their way soon to the malarious districts of Siam and the Laos country, where the climate and conditions are similar to those of Burma, which they adjoin, and where they would meet with a ready sale. A great deal depends on the packing, and as in all parts the rainfall as a rule is between 100 and 200 inches in the year, the packets should be made as secure from damp as possible, and paper coverings should be avoided. Everything would depend on the good name obtained by the first shipments, and this can only be established by using British-quality quinine and neat packing in an easily opened bottle or tin which will protect the contents from the damp atmosphere. The Customs duty in Bangkok is low—lower than in Burma—and there are now postal and telegraph arrangements between Bangkok and the rest of the world. If Burma cannot supply her quinine tablets to Siam, there is no reason why Great Britain should not do so, and secure a profitable trade, whilst helping to alleviate the malarious fever which does as much harm in the territories of our Ally as it does in our own adjacent territory.

Reconstruction Problems.

VII. Reforming the Society.

Before taking up the broader aspects of the reconstitution of the Pharmaceutical Society which would involve legislation, we think it would be as well to examine the position as it is now, and to indicate some of the reforms which could be brought about without any appeal to Parliament. At the present time most independent observers will agree that the Pharmaceutical Council has reached a very low level of mediocrity. There are no signs of any statesmanlike efforts to prepare for the reconstruction period in pharmacy, and the lack of initiative in the Council is appalling when one considers the urgency of some of the problems which require elucidating. In considering the reason for the present lethargic state of the Council we are bound to place first among the causes the policy of keeping the conduct of the Society in the hands of a small cabinet or clique. The office of ordinary councillor thus becomes unattractive to the best intellects in the trade. By the device of co-option it is always possible for the cabinet to neutralise any new blood that may be infused by elections, and there are other plans by which the energy of members of Council may be worn down until they fall in with the views of the cabinet. The fact that for a year or so the office of Secretary has been in commission and that for several years the presidency has been held by a member of Council who is out of touch with the retail trade may be additional reasons for the present state of affairs. The time has arrived when a special effort should be made to haul the Council out of the rut. We are often asked about the possibility of founding a union of chemists which would undertake those duties the Pharmaceutical Council professes it cannot touch. Experience has shown us, however, that there is no possibility of an outside union being successful because of the financial difficulty with which such an organisation is faced. The Pharmaceutical Society having invested funds and a handsome income provided by the State, every effort should be concentrated upon the more promising task of reforming that body. Fortunately, at the present time one need not handle such problems with velvet gloves, and hence it is an opportunity that should not be missed. The slowness of the process of reform, by which only a third of the members of Council can be displaced annually, requires an effort extending over three years, and it is the lack of this sustained effort which has hitherto baffled any reform movement. Will this be so indefinitely, or shall we, as a result of the quickened thinking brought about by the war, put our house in order at last? This brings us to a consideration of the duties and the class of men who are wanted as councillors, as these questions are bound up with the choice of suitable candidates. Men with experience in public affairs, a knowledge of pharmacy-law, and a wide acquaintance with the needs of the drug-trade require to be selected. Such men should be able to initiate in the Council schemes making for progress and place them before the electorate for approval. Another urgent matter is the appointment of a full-time Secretary and the restoration of the position to its proper place of subserviency to the Council. The present holder of the position is a brilliant man with ambitions much higher than can be satisfied at Bloomsbury Square. It is hardly likely, moreover, that, having tasted the independent and easy life of a Civil servant, he will ever again take to the limited sphere which his pre-war duties involved. In future articles we hope to indicate further reforms which we consider it is desirable should be brought about. We wish, however, to suggest that the trade should form at once an Election Committee whose duties should be to select suitable candidates for election on the Council, and, having chosen the men, to take all possible steps to get them elected. Something on the lines of the Face-values Committee is wanted. This Committee could very well be used as the nucleus of a Reconstitution, Progress, or Reform Committee to which members representing various interests and districts could be added. The Progressive Pharmacy Club, which has stood up to the determined efforts of Bloomsbury Square to disintegrate it, could doubtless be depended on to help in the selection of election candidates.

Insurance Dispensing Difficulties.

VII. Irregularities in Prescriptions.

Not the least of the many difficulties which at times perplex the panel chemist is that of the irregular or incomplete prescription. Where an Insurance prescription is written on other than the regular form there should obviously be no alternative to declining to dispense it, unless it be accompanied by a note from the doctor explaining that the medicine is urgently required and promising that a prescription written on a proper form shall follow in due course and without delay. But such procedure as this ought not to be unduly encouraged, as it is the doctor's duty to carry one of the regulation prescription-books with him whenever attending patients in the ordinary course. In no case should prescriptions on other than the regular forms be sent to a Pricing Office, or needless trouble will be caused to everyone concerned. Prescriptions ordering cocaine or opium, and especially the former, should never be dispensed unless they comply fully with all the Regulations applying thereto. Insurance prescriptions for cocaine must be dated, signed with the full name of the doctor, and specify the total amount of cocaine, or of a proprietary medicine containing cocaine, to be supplied; otherwise they should in no circumstances be dispensed. Illegible writing in a prescription, or ambiguity as to what is actually intended, may necessitate the return of the script to the prescriber, though an inquiry on the telephone may in some instances prove sufficient. Obviously, every care should be taken to avoid arousing distrust on the part of the patient, great though the temptation may be to "score off the doctor." On occasion, however, it is found impossible or difficult to communicate with the prescriber without causing much delay in the supply of the medicine required, and his intention may be fairly evident from the instructions he has given to the patient. This applies particularly to the number and quantity of certain articles to be supplied, where the exact details have been omitted, probably inadvertently, from the prescription. Common omissions are the quantity of a mixture or ointment; the strength of a lotion or solution; the number of pills, tablets, cachets, capsules, or lozenges; the size or weight of bandages, gauzes, lint, wool, or protective. In addition, articles which should be ordered by weight may be ordered by size or number, or *vice versa*, while the quantity of excipient, colouring agent, mucilage, burnt sugar, etc., is probably ordered as "q.s." In all such cases moderate quantities should be dispensed and the Pricing

Office furnished with exact particulars of what has been supplied; otherwise a minimum quantity will probably be assumed, to the chemist's possible detriment. Where mixtures, etc., are ordered by name only, doctors should be requested to write out the prescriptions in full, unless the names are those of preparations included in the British Pharmacopœia or some standard Formulary officially recognised in the particular area. Private formulæ are a never-ending source of trouble at Pricing Offices, and their use ought not to be countenanced, as it tends to interfere unduly with the free choice of chemists by patients. In areas where proprietary galenicals and other special preparations are allowed, chemists dispensing them should be particularly careful to furnish the Pricing Offices with the manufacturers' names and the net cost prices of the articles. Omission to do this regularly has probably been one of the greatest sources of loss to chemists during the past year, owing to the continual rise in prices and the difficulty experienced at Pricing Offices in keeping pace with price changes. Any assistance on the lines indicated given to the Pricing Offices facilitates smooth working and helps to ensure the payment to chemists of the full remuneration to which they are entitled under their contracts. It must be impressed upon panel chemists that before any prescription which has been subjected to alteration or addition is sent to the Pricing Office the alteration or addition should be initialled by the prescriber unless it is clearly in his handwriting.

Scheduled Areas.

The only scheduled area in Scotland under Section 1 of the Venereal Disease Act is the Burgh of Aberdeen. In Ireland there are at present no scheduled areas, although, in accordance with circulars addressed to local authorities by the Local Government Board of Ireland, some public bodies are considering the question. The circulars referred to are obtainable (3*d*.) from the Stationery Office or the Dublin agents.

Organising the Chemical Trade.

The slowness of the movements of Government Departments is one of the things which the business community cannot understand, although it is probably connected with the routine methods which have to be adopted by officials before important steps can be taken. Last November the Committee on the Chemical Trades reported to the Minister of Reconstruction as to the functions and constitution of a Section of the Ministry which should deal with the chemical trade. It was suggested that a "scientific man of good standing, who would command the respect and confidence of the trade," should be appointed as the head of the Section. The duties of the Section included surveying generally the chemical trade of this country, advising as to its broadening and improvement, and collecting statistics and information which would be of assistance to the trade as a whole. There is great need of some organisation to assist the newly established factories making fine chemicals. At present there is a good deal of overlapping and wasted effort, and it is bad business that this should happen at a time when capital needs attracting to infant industries. It is to be hoped that the Minister of Reconstruction will decide quickly whether or no he intends to carry out the recommendations of the Committee on the Chemical Trades.

Fastening on the Shackles.

Nobody will complain that steps are being taken to change the name of the "Minor" examination to "Qualifying" examination, as indicated in the proposed alterations of the by-laws of the Pharmaceutical Society. The wonder is that justice has been so long delayed. Wrapped up with this desirable revision is another alteration which will be viewed with mixed feelings by undergraduates and those who have the interests of this class at heart. It is proposed to alter the by-laws so as to make it possible to require from candidates evidence of having undergone a curriculum of study. The remarkable feature of the movement is that the Council has not yet decided that a curriculum is desirable or practicable. It is to be hoped that the Council will use these new powers wisely. Should it not, however, give some indication of its views in the matter of a curriculum before the alteration in the by-laws is sanctioned?

A New Use for Papain.

A Correspondent in the "Indische Mercuur" calls attention to the fact that in 1891 the late Dr. Greshoff, in an article in "Teysmannia," tried to stimulate the cultivation of the papaw in Java, with a view to exporting either the preserved juice or papain. Some experiments were made in shipping material prepared in plantations established at Tjikeumeuh, near Buitenzorg, but the results were not profitable and difficulty appears to have been experienced in producing a satisfactory article. Meanwhile the industry has become firmly established in Hawaii, the Philippines, Montserrat, and Ceylon, and the correspondent states that the imports into the United States alone are valued at about 200,000 florins per annum. The subject is again arousing interest in Java owing to Dr. Ultee's observations that papaw-juice can be used in place of acetic acid for coagulating rubber latex. Acetic acid is now almost unobtainable by rubber-planters, and as papaws can be grown almost anywhere in the tropics it is probable that there will be a considerable extension of their cultivation if it is finally established that good rubber can be produced with this juice as a coagulant, which is not yet certain.

The Presidency.

The declaration of the names of the seven retiring members of the Council of the Pharmaceutical Society is a reminder that the time is drawing near for a consideration of the question of which of the members of Council is to be the next President. We are aware that this matter has hitherto been of the "hush-hush" variety of pharmaceutical politics and has been arranged exclusively by a camarilla of the Council, but this policy cannot be followed this year, as the Council frankly finds itself in a difficulty as to who shall be the successor of Mr. Edmund White. The present Vice-President, being, we believe, of military age, could not without attracting the attention of the Director-General of National Service accept a position which involves neither military duties nor national service, and for which there are nineteen other possible candidates. Two of the members of Council have passed the chair, Mr. J. Rymer Young and Mr. J. F. Harrington, and two have filled the position of Vice-President, Mr. W. L. Currie and Mr. A. S. Campkin. The choice, then, seems to rest between the two last-named gentlemen. If Mr. Currie were elected President it would be a much-appreciated compliment to Scotland. We are not sure, however, that he could spare the time to devote to the duties of the office, and, moreover, the drug-trade must beware of the derelict curriculum scheme which Mr. Currie still believes in. Mr. Campkin, the other past Vice-President, has had greater experience of public life than any other member of Council. There remains the alternative of a direct elevation to the presidency of an ordinary member of Council. This has not been the practice, but of the twenty-seven persons who have filled the office of President since the foundation of the Society six had not previously held office either as Vice-President or as Treasurer. The problem is decidedly interesting. We hope the members of the Society will keep a close watch on the play and see that the game is fairly carried on.

Strophanthus-seed from Togoland.—A sample of strophanthus-seed was identified at the Royal Botanic Gardens, Kew, as probably *S. hispidus*, DC. Owing to the scarcity of *S. Kombe* seed, which is the variety generally used in medicine, there is a temporary demand for other kinds of strophanthus-seeds, including those of *S. hispidus*, DC., and importers in London valued *S. hispidus* seeds at the time of the report at 1*s*. 3*d*. per lb. Until *S. Kombe* is again available in quantity the seed of *S. hispidus* may continue to be saleable at about this price.—*Colonial Report on the Gold Coast for 1916.*

Associations' Winter Session.

Aberdeen.—A meeting of the Aberdeen Junior Chemists' Association was held last month in Robert Gordon's Technical College, Mr. Hendry (President) in the chair. Professor J. Arthur Thomson, of the Chair of Zoology in Aberdeen University, was the lecturer for the evening and took for his subject *Science for Life.* He dealt in a masterly and lucid style with the great scientific discoveries of recent years, and showed how each of these was for the benefit of mankind. Science and scientific research had done great things for the human race, but he held that it could and would achieve far more reaching results than hitherto had ever been demanded of it. The lecturer deprecated the present-day system of education as not awakening in the young mind the great future possibilities and certainities of science, and pleaded for drastic changes in this direction. On the motion of the President a hearty vote of thanks was given to Professor Thomson for his interesting lecture.—A special meeting of the Aberdeen Pharmaceutical Association was held in Robert Gordon's Technical College on February 5, Mr. A. F. Dugan (President) in the chair. Reporting on National Insurance matters, Mr. Hay gave a summary of the finances. Chemists' accounts for 1913 showed a balance of 7½ per cent. owing, those for 1914 9 per cent. The 1915 accounts had not been cleared up, owing to a surcharge on a panel practitioner being unsettled. Those for 1916 had been paid in full, as also 1917 so far as these had been checked. The question of adopting a retail-price list was discussed at some length, and it was agreed to adopt the Scottish retail-price list.

Blackpool.—The annual meeting of the Blackpool and Fylde Pharmacists' Association was held at the Palatine Hotel on February 1, the President (Mr. J. Lauric) in the chair. The following were elected officers for the ensuing year: *President,* Mr. J. F. Blackhurst; *Vice-Presidents,* Messrs. Clarke and Sykes; *Hon. Treasurer,* Mr. Mallalieu; *Hon. Secretary,* Mr. Bailey; *Hon. Assistant Secretary,* Mr. Tattersall; *Committee,* Messrs. Boothroyd, Gillibrand, Huddart, Laurie, and Sankey; *Auditors,* Messrs. O. L. Jackson and Gaulter. Education and Drug Sub-Committees were also elected. A vote of thanks to the retiring officers for their services during the year was carried unanimously. A letter from the Registrar of the Pharmaceutical Society stated that he considered Bates's salve and Glickon's salve to be Part 2 poisons. The Proprietary Articles Trade Association wrote asking the Blackpool Association to use its best endeavours to induce several non-P.A.T.A. proprietors to join. The Secretary was empowered to write to such proprietors as he thought fit.

Dundee.—The Dundee and East of Scotland Pharmaceutical Association met at Mather's Hotel on January 31, under the presidency of Mr. G. J. Lindsay, when it was suggested that pharmacies should be closed on Sunday evenings, and steps are to be taken to secure united action and to begin such closing in March. Efforts are to be made to introduce into future issues of the Scottish retail-price list some amendments to meet local requirements. In view of Mr. Lindsay's approaching marriage, the meeting was made the occasion of presenting him with a wedding gift from the Association and the Dundee Pharmaceutical Committee. Mr. John Anderson, sen., made the presentation, consisting of a handsome silver tea-and-coffee service on oak tray. Mr. J. H. Thomson also spoke, and the President returned thanks.

Glasgow.—A most successful Burns concert was given by the Musical Section of the Glasgow Pharmacy Athletic Club on January 29 at the Masonic Hall, West Regent Street. Mr. W. L. Currie presided, and opened the entertainment with a short, racy sketch of the life and writings of the national bard, thus creating a sympathetic "atmosphere" for the well-selected programme. The soloists were Misses Chisholm, Hislop, Tierney, Annand, and Mr Gowans; readings were given by Misses Miller and Rae, by Mr. Dow, and by Mr. Mackenzie; quartets were acceptably rendered by Misses Chisholm, Hislop, Dickson, and Tierney, and Messrs. Gowans, Mackay, MacGillivray, and Climie; violin solos by Mr. R. G. Howat were enthusiastically encored; and the rendering of part-songs by the choir, trained and conducted by Mr. R. Dickson, well merited the expressed appreciation of the audience. Miss Morris was an efficient accompanist.—The monthly meeting of the Glasgow and West of Scotland Chemists' Association was held on February 7, the President (Mr. Murchie) in the chair, when Mr. John H. Ramsay, Ph.C., delivered an interesting lecture on *Mendel: The Man and his Work,* enumerating Mendel's experiments in cross-fertilisation and the production of new species. Mutation, atavism, and the commercial and sociological aspects were also dealt with, and the lecture was illuminated by excerpts from humorous writers and with *à propos* references to classical and current literature. A discussion ensued, and a number of members expressed their appreciation of the lecture, and Mr. Ramsay replied to questions. A hearty vote of thanks was given on the motion of the President. Eleven new members were admitted to the Association.

Gloucestershire.—The annual meeting of the Gloucestershire Pharmacists' Association was held at the Royal Hotel, Cheltenham, on January 31, Mr. W. H. Hill (President) in the chair, when the officers and Committee were re-elected *en bloc* and were warmly thanked for their services. The reports of the Secretary and Treasurer were adopted. Mr. Dolman protested against the number of wholesalers on the Council of the P.A.T.A., and felt that, unless real and adequate protection was obtained by that body, pharmacists would cease to subscribe to its funds. Mr. H. B. Clark introduced a discussion on duty after business hours, urging that late service was generally unnecessary, in which he was supported by Mr. W. Palmer. Two new members were elected.

Huddersfield.—A meeting of the Huddersfield Chemists' Association was held on February 5, under the presidency of Mr. Vincent Shaw. In regard to the control of the prices of proprietary articles it was decided to take no action at present, the opportunity not being deemed favourable. Mr. R. C. Walshaw, who now represents the Chamber of Trade on the Military Advisory Committee, reported the position in regard to one-man businesses, and said that as far as chemists are concerned it is believed they have reached an irreducible minimum consistent with meeting the public necessities in a satisfactory manner. Due notice would be given to the Association in the event of any action by the authorities being considered necessary. Mr. J. B. Wood was appointed to represent the Association on the Military Advisory Committee in place of Mr. Walshaw.

Hull.—The Hull Pharmacists' Association gave a successful concert at the Grosvenor Hotel, on January 31, in aid of the Peel House Fund for Prisoners of War. Mr. L. S. Sellé (President) occupied the chair, and the audience numbered over two hundred. The artists were Miss Belle Huntley, Miss Sybil Woodruffe, Mrs. E. N. Treleaven, Mr. and Mrs. Carrick Foster, Mr. J. Price, and Mr. Norrison Stead. To them and to Mrs. T. Smith (for the sale of programmes realising 1*l.* 15*s.*) a vote of thanks was accorded on the proposition of the Chairman. It is estimated that the fund will benefit to the extent of 10*l.* as the result of the concert.

Irish C.A.A.—The annual meeting of the Limerick Branch was held in the Association's rooms, O'Connell Street, on February 4, Mr. P. P. Coffey presiding. The Secretary's and Treasurer's reports for the year were extremely satisfactory, and the President, in moving their adoption, appealed to the members to use every effort to get outstanding assistants to join the Association. The following officers were elected for the coming year: *President,* Mr. T. Blake; *Hon. Secretary,* Mr. P. P. Coffey; *Treasurer,* Mr. P. O'Grady. Messrs. T. Blake and P. P. Coffey were elected delegates to the Trades Council.

Leeds.—The Leeds Chemists' Association met at the Grand Central Hotel on February 6, Mr. N. N. Armitage presiding. Misses A. A. and E. Taylor were elected members. Mr. Thomas Guthrie (Glasgow), a member of the Pharmaceutical Council, gave an address on pharmaceutical matters. He said the amount of work done by the Council is not sufficiently known, owing to the small amount of space occupied by the subject in the trade Press. Referring to organisation, he hoped that the Council will show some daring in coming to decisions. He thought that all sections of the craft are agreed on the need for some departure from old lines. He questioned whether the Council always gives sufficient heed to the individual, or thinks systematically on the question of getting the utmost from every individual. If a revival of anything like the old-time Divisional Secretaries should be evolved, he hoped that every official would be a "live" man, not merely a producer of beautiful paper schemes. In regard to the title "chemist," he could not see that pharmaceutical chemists should object to the analysts having a share of the title so long as the chemists and druggists lose nothing of their original rights. As to progress in pharmacy, he wanted to see a properly organised training in business equipment combined with every possible improvement in the professional training. Mr. Guthrie then dealt with the problems of reconstruction after the war, and, in conclusion, appealed to local Associations to be getting ready to help those who

return maimed from the war, or whose businesses have been lost during their absence in the Army. In the course of the discussion which followed, Mr. Guthrie was assured by all the speakers that the Leeds Association will do its part in helping the returned soldiers; but questions were raised as to the unsatisfactory status of the pharmacist in the Army, and in regard to a modification of the qualification for those whose apprenticeship or study has been interrupted by their service with the Forces. Mr. Guthrie replied that these matters were receiving the careful attention of the Council. As to the title "chemist," Mr. Guthrie received warm support for his contention that it must be retained, only Mr. Johnson urging that it should be dropped entirely, his view being that the stores have monopolised it, and that the general adoption of "pharmacist" will show the public the essential difference between the qualified private man and the store. A vote of thanks was passed to Mr. Guthrie.

Liverpool.—The Liverpool Chemists' Association held its monthly meeting on February 13. The President (Mr. William P. Evans), who took the chair, was thanked for his hospitality at the recent annual meeting, and for his services during the past year. The Secretary (Mr. D. H. Evans) was also thanked for past services. On the motion of Mr. Moreton Parry, the Association passed a resolution asking the Secretary of the Pharmaceutical Society of Great Britain to protest against the association in a L.G.B. leaflet on venereal diseases, of druggists with quacks, herbalists, and certain advertisers. A vote of condolence was passed in respect of the death of Councillor William Henry Parkinson, Acting Chairman of the Liverpool Food Control Committee, in whom pharmacists had found a friend in the vexed question of sugar-supplies. In reply to Mr. Robinson, Mr. Parry said that it is necessary to keep a sugar register, and that in Hull the inspection of such registers had been begun. Dr. Symes presented to the Association a portrait of the late Professor Remington, who had frequently visited Liverpool. It was decided to send a record of this tribute to the College at Philadelphia. Four terse and stimulating papers by members filled the remainder of the evening; and, in thanking the authors, the President pronounced the experiment a great success.

London (S.E.).—A meeting of the South-East London Pharmacists' Association was held at the Progressive Pharmacy Club on January 31, Mr. A. J. Wing (President) in the chair. Mr. W. C. Sayers was appointed Local Secretary to the P.A.T.A. on behalf of the Association. Messrs. Wing, Sayers, and Milner were elected delegates to the annual meeting of the Early-closing Association, to be held at the Mansion House on March 21. Mr. A. H. Jenkin then addressed the meeting on the pricing of Insurance prescriptions, giving much useful information and receiving in return a hearty vote of thanks. A discussion followed on the desirability of charging face-value for all P.A.T.A. articles, and it was unanimously agreed to forward to the Proprietary Articles Trade Association the following resolution: "That the P.A.T.A. Council use its best efforts to have all articles on the P.A.T.A. list increased to face-value price, and that no new article be admitted to the list at less than face-value." An appeal for support for the "Script" Shilling Fund on behalf of the Pharmaceutical Benevolent Fund resulted in a subscription of two guineas by the members present. At the conclusion of the meeting tea was served, and an informal but interesting discussion took place.

London (S.W.).—A very successful gathering of members and friends of the South-West London Pharmacists' Association took place on February 6 at Lavender Hill. After refreshments had been served Mr. J. P. Gilmour, Editor of the "Pharmaceutical Journal," delivered a lecture on *The Animal Ancestry and Antiquity of Man*, which proved exceptionally interesting to all present, the subject being a welcome departure from those generally listened to by pharmacists. Mr. Gilmour showed in a most interesting and amusing manner, by means of a fine set of lantern-slides, how closely our frame and organs resemble those of the lower animal from whom, according to the lecturer, we are all sprung. At the conclusion of the lecture a very hearty vote of thanks was given to Mr. Gilmour.

Merthyr Tydvil.—The annual meeting of the Merthyr Pharmacists' Association was held on February 6, Mr. V. A. Wills (President) in the chair. The usual routine business having been disposed of, the President gave a report of the work done during his term of office. The Treasurer presented the balance-sheet, which showed a balance in hand of over 3*l*. The following officers were elected for the ensuing year: *President*, Mr. Jenkins (Pontmorlais); *Treasurer*, Mr. Owens (Boots, Ltd.); *Secretary*, Mr. E. J. Harries (Dowlais). Mr. H. M. Lloyd reported on the meeting of the South Wales and Monmouthshire Pharmacists' Federation at Swansea on January 31. A cordial vote of thanks to the retiring President concluded the meeting.

Newport (Mon.).—The annual meeting of the Newport Pharmacists' Association was held at the Shaftesbury Hotel on January 31, Mr. Benson Harries presiding. The financial statement showed a balance in hand. The resignation of the secretaryship by Mr. Findlay was received with regret, and the following officers were elected: *President*, Mr. Benson Harries; *Vice-President*, Mr. J. T. Badgett; *Hon. Secretary*, Mr. Latimer Davies; *Auditors*, Messrs. George Shelley and J. Menhennick. The President then gave an interesting *résumé* of the year's work, referring particularly to the proceedings in connection with the formation of the South Wales and Monmouthshire Federation of Pharmacists' Associations, chemists and military service, the Insurance dispensing Tariff, the initiation of a microbiology class at the local Technical Institute, and the position under the Venereal Disease Act. Correspondence was read with reference to war emergency formulas and the charging of face-value for proprietary articles.

Plymouth.—The Committee of the Plymouth and District Association of Pharmacists met on February 9, Mr. Maitland presiding. The Secretary drew attention to the progress being made all over the country in the demand for larger profits on proprietaries, a movement publicly initiated by Plymouth chemists at their annual meeting in October last. Letters were read from the Pharmaceutical Society in reply to inquiries *re* supplies of castor oil, olive oil, and lard. The Secretary was instructed to write to manufacturers of proprietaries not on the P.A.T.A. urging the claims of that organisation and pointing out that the present was a most opportune time to make the necessary alterations in price. A vote of sympathy was passed to Mr. F. A. Roper on the death of his daughter, who had just started her pharmaceutical career.

Progressive Pharmacy Club There was a large gathering of members and friends at the Progressive Pharmacy Club on February 7, when an "At Home" was held under the auspices of the House Committee and its Secretary, Mr. Amos Jones. The motto for the evening was "Every man to his own humour," and, as in legislative enactments, "man" was held to include "woman." The Club is now particularly strong in women members, and they were present in force to show that interest in progressive ideas is not confined to men. Conversation, whist-playing, and music were among the occupations of the evening, and the Club was especially fortunate in having two skilled vocalists—Mrs. Harries and Mrs. Arrowsmith—present to entertain the rest of the company. Refreshments on a suitable war scale were served about 9.30 P.M., and the assembly broke up at 11 P.M., everyone feeling conscious of having spent a very pleasant though informal evening.

Public Pharmacists' Association. — The annual general meeting of the Public Pharmacists' Association was held at St. Bride Institute, London, on February 6, Mr. R. Welford in the chair. The annual report of Council was read, and the finances were reported in good condition. The following officers were appointed: *President*, Mr. T. H. W. Idris, J.P.; *Chairman*, Lieutenant A. H. Jenkin; *Vice-Chairman*, Mr. A. Howell; *Council*, Miss Andrews and Messrs. R. Welford, A. J. Gibbons, H. C. Thomas, H. Skinner, J. H. Farrell, F. W. Moore, W. Windmill; *Hon. Secretary and Treasurer*, Mr. Geo. W. Gibson (Poor-law Section); *Hon. Secretary* (Poor-law Section), Mr. R. W. Lindsey.

Staffordshire.—The North Staffordshire Chemists' Association met on February 7, Mr. Roland Prince presiding, when Mr. J. G. Tringham (Ayrton, Saunders & Co., Ltd.) read a paper on *The Art and Part of Publicity, or Tales that Tell.* The author dealt with the subject of publicity from the idealist's point of view. There was the publicity that was obtained by the printed word and the publicity that was obtained by means of the vantage points of the pharmacy. These methods were given more or less consideration by the average pharmacist, but there was a further publicity, the most expensive of all, which received practically no prior consideration at all—the publicity obtained by oral means or the talk that took place over the counter. Some helpful hints as to how to build up advertisements were given, the speaker emphasising the fact that an article which was advertised by far-fetched statements started its career very badly handicapped, and however good the article it would fail to give complete satisfaction. The goods, in fact, represented the proprietor, and any statement made about them should receive the same attention as would be insisted upon in statements about the proprietor. The fittings of the pharmacy received constructive criticism, and the necessity of training the staff was also indicated. An interesting

discussion followed, in which many members joined, and Mr. Tringham was warmly thanked for his paper. Mr. T. C. Cornwell then brought forward the question of the introduction of a minimum-price list, and suggested that the list published by the Birmingham Pharmacists' Association be used, as Birmingham was an up-to-date industrial centre, and he was told that Boots, Ltd., had expressed their willingness to agree to it. After some discussion it was agreed to canvas all the sellers of drugs in the district as to whether they were in favour of a minimum-price list on the lines of the Birmingham list. Mr. Dale proposed a resolution congratulating Mr. Edmund Jones on his appointment as a Justice of the Peace. Mr. Kemp seconded the motion, saying that "all looked to Mr. Jones as a man of integrity, who would do justice to the honour which had been bestowed upon him." Mr. Jones suitably replied.

Swansea.—The quarterly meeting of the South Wales and Monmouthshire Federation of Pharmacists was held at the Grosvenor Hotel on January 31, when Mr. Leo Joseph, J.P. (President), summarised the work done at the Executive meeting, and stated that the objects of the Federation would not be attained until every individual chemist was part of a local Association and every local Association was part of the Federation. Mr. Joseph also dealt with various Insurance dispensing matters, the Venereal Disease Act, pharmaceutical education, and Parliamentary representation. Mr. Woolcock then addressed the meeting, speaking first on federation and then on the education of the pharmacist, the Insurance Act, and the war-work being done by chemists. Referring to the Ministry of Health, he said it behoved chemists to be prepared for great changes in business generally—changes which would alter the whole outlook of pharmacists during the next five years. After an interval for refreshments, Mr. G. A. Mallison also addressed the members. He first discussed the Local Associations Executive and its work, and then asked, "Is Insurance dispensing worth while?" replying, "It pays, if only taken as an advertisement." He explained that during the last five years thirteen million people a year had been sent into chemists' shops; was not that a cheap advertisement? "It has been like this in war-time: what might it not be in post-war time? In the event of a State medical service it may even be the keystone in our building." Mr. Mallison concluded with an appeal for trust in the Society and its leaders. A hearty vote of thanks was accorded to the speakers.

Ulster Drug-trade Association.—The annual meeting was held on February 6, in the rooms of the Chemists and Druggists' Society of Ireland, Waring Street, Belfast, Mr. James Tate presiding. Mr. James Guiler (Hon. Secretary) read the annual report, which was adopted, as was the statement of the Hon. Treasurer (Mr. W. J. Rankin), which showed a substantial balance in hand. A motion to reorganise the Association and to introduce modern methods to facilitate the collection and distribution of trade information was, after a breezy discussion, adopted by an overwhelming majority. The election of office-bearers and enlarged Committee for session 1918 was then proceeded with, the following being chosen: *President*, Mr. F. T. Smith, J.P. (Antrim); *Vice-Presidents*, Mr. W. J. Hardy and Mr. J. D. Carse; *Hon. Treasurer*, Mr. W. J. Rankin; *Hon. Vice-Presidents*, Messrs. James Tate, R. W. McKnight, W. C. Dobbin, H. Lancashire, J. A. Woodside, S. Gibson, J.P., James Guiler, and J. Montgomery; *Committee*, Messrs. H. Crail, James Dundee, S. Fleming, J. A. Bingham, W. Macartney (Grattan & Co.), Andrew Wilson, W. Hanna, J.P., M. McDonald, J. Hewton, S. Suffern, W. Martin, W. E. Wilson, C. B. Abernethy, S. Nevin, J. Moffett, E. J. Roberts, W. J. Busby, H. Marshall; (Wholesale Section) Mr. Fred Moore (Thos. McMullan & Co.) and Mr. May (J. & J. Haslett). Mr. Smith, in taking the chair, paid a high tribute to the unselfish labour of the outgoing President (Mr. Tate) during the five years he had so ably filled the chair, and also to the Hon. Secretary (Mr. Guiler), who retires after fifteen years' unstinting service to the trade. It was decided to raise the membership fee to 10*s.* 6*d.* per annum, and the meeting was adjourned until February 20, when the new rules will be submitted for approval, and the question of face-value for patent medicines will come up for final consideration.

West Bromwich.—The fourth annual meeting of the West Bromwich Pharmaceutical Association was held on January 29. Mr. E. Beattie presided and gave a brief summary of the year's work, and the reports of the Secretary and the Treasurer were adopted. Mr. G. Hampton (President-elect) then took the chair, and voiced the Association's appreciation of Mr. Beattie's efforts for the advancement of the interests of the members. A vote of thanks was passed to the officers for their services during the past year. A discussion took place on the profit on proprietaries, and it was agreed that united action is indispensable. In reply to a letter from Mr. Lock (Chairman of the Pharmaceutical Committee) it was resolved to recommend the partial (10-per-cent.) check of Insurance prescriptions. The Secretary was instructed to congratulate Mr. Woolcock, to express to Mr. Barnes (former Secretary) appreciation of his work for the Association, and to send greetings and good wishes to Mr. Osborne, who is now serving with the Forces. The new Executive comprises: *President*, Mr. G. Hampton; *Vice-President*, Mr. C. White; *Treasurer*, Mr. Rex Allen; *Hon. Secretary*, Mr. J. Harper; *Committee*, the above officers and Messrs. Beattie and Forster; *Auditors*, Mr. G. Griffith and Mr. R. Blackham.

Wimbledon.—At a meeting of the Wimbledon and District Pharmacists' Association, held on February 6, a resolution was passed inviting all pharmacists not to sell any non-P.A.T.A. articles until the makers came into line, and to charge face-value for all patents. It was decided to notify the P.A.T.A. of the same. An address was then given by Mr. T. Talbot on *The Evolution of the Pharmacist*, dealing especially with the prices charged for the dispensing of bills (prescriptions). He recounted many anecdotes, and showed specimens of scripts and invoices of the early centuries. A cordial vote of thanks was passed to Mr. Talbot for his instructive address.

Wolverhampton.—On January 24, Mr. L. J. Reade, Ph.C., lectured to the Wolverhampton and District Chemists' Association on *The South Staffordshire Coalfield*, giving diagrams explanatory of the varying ages of the successive strata, and illustrating his lecture by lantern-slides and a large number of interesting fossils from the mines.

New Books.

Calendar of the Pharmaceutical Society of Great Britain, 1918. 8½ in. × 5⅜ in. Pp. 248+Appendix of lists of members and donors to Benevolent Fund. 2*s.* (Pharmaceutical Society, 17 Bloomsbury Square, W.C.) [Contains official particulars regarding the Charter, the Pharmacy Acts, and the examinations. Lists are given of the Society's school prizemen and of honorary and corresponding members, the last-named including, as in 1917, three of addresses unknown and several alien enemies. An attempt has apparently been made to bring the legal information approximately to date in respect of such matters as National Health Insurance and the Venereal Disease Act; but it may be questioned whether it would not have been better to pass by War Emergency Regulations rather than profess to summarise "those particularly affecting pharmacists" in the course of a page and a half. The list of scheduled areas under the Venereal Disease Act on p. 95 does not include the City of London, and it is incorrect to state that a number of the areas there mentioned are scheduled areas "at present"; several of the places mentioned will only become scheduled areas on March 1. The misnomer "London, N.E." persists in both Calendar and Appendix.]

Dales, B., and Barnebey, O. L. *Elementary Qualitative Analysis.* 7½ in. × 4¾ in. Pp. 205. 5*s.* 6*d.* (London: Chapman & Hall, Ltd., 11 Henrietta Street, Covent Garden, W.C. 2.) [A student's book, giving tests and exercises in chemical groups such as bases, acids, etc. The chemicals are mostly referred to by their symbols, which, while saving space, is apt to induce the slovenly habit of using symbols in place of names. The chapters on the systematic analysis of an unknown acid or base are particularly good.]

Income Tax for Investors for Year 1917-18: Rates, Relief, Repayment. 7⅛ in. × 4⅞ in. Pp. 96. Paper cover. 1*s.* net. (London: F. C. Mathieson & Sons, 16 Copthall Avenue, E.C. 2.) [The author states that the very large number of new subscribers to the War Loan, and the new system of deducting at the source 5*s.* in the pound income-tax, will result in a very great increase of claims for relief and repayment. This book deals especially with the relief and repayment that taxpayers may obtain. The matter is concisely arranged, and makes it easy to understand the exact position where a mixed income is concerned. It is a useful little book.]

International Mercantile Diary and Year-book, 1918. 10 in. × 7½ in. Pp. 267. 5*s.* net. (Syren & Shipping, Ltd., 91 and 93 Leadenhall Street, London, E.C.) [This annual issue contains much useful information in regard to commercial travellers, samples, consular invoices, bills of lading, etc. Its features include a freight-calculation table, foreign-exchange tables, and an explanatory article on the decimal system. Tables are also given for converting capacity to weight, coefficients for both British and metric systems being added for each country.]

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. As a result of the War wholesale houses have had to contend with many fresh difficulties, some of which have involved greatly increased expenses. Shortage of labour with higher wages (equal to almost double pre-war rates) has a direct effect upon values of goods, as also have railway carriage, freights, cartage, and other charges. The foregoing and other incidental outlays prevent retail buyers purchasing at the market prices quoted here.

42 Cannon Street, E.C. 4, February 14, 3 p.m.

A FAIR amount of activity is noted during the week under review, with prices generally showing an upward tendency. Arrivals have been on a smaller scale this week, especially from the United States, where the question of granting or withholding export licences is a difficult problem, apart from the question of shipment. All this tends to increase values of synthetic chemicals which we obtain from this source, especially spot and parcels afloat. Hexamine is very scarce on spot and firmer. Bromides and hydroquinone are both firm. Aspirin and salicylates are weak. Saccharin has been in good demand, and prices are steadier. Shipments of benzoates have fallen off from U.S.A., where the high prices prohibit importation. The removal of the embargo on cables to and from Holland may give better facilities for the quinine business, but it is not anticipated that export licences covering drugs will be granted. B.P. almond oil has been advanced 3*d.* per lb.; bergamot and lemongrass oils on spot are easier; cajuput is dearer, and true sassafras is still very scarce. Other changes include easier prices for cumin-seed; a large demand for Japanese agar-agar (for food purposes), farina, and cocoa-butter is noted. Platinum has sharply advanced.

Higher	Firmer	Easier	Lower
Almond oil (B.P.)	Hexamine	Aloes (Cape) (seconds)	Rhubarb
Arrowroot	Kola	Bergamot oil	Senna and pods (Tinn.)
Balsam tolu	Pepper (white)	Cumin-seed	
Cajuput oil	Senega	Lemongrass oil	
Calumba	Wax, veg. (Japan)	Wax, bees' (Jam.)	
Cocoa-butter			
Cream of tartar			
Farina			
Honey			
Isinglass			
Platinum			
Sarsaparilla (Grey Jam.)			

ACETANILIDE remains firm at from 5*s.* to 5*s.* 3*d.* per lb. on the spot.

AGAR-AGAR.—Sales include No. 1 strip at 2*s.* 6½*d.* and No. 2 at 2*s.* 5½*d.* c.i.f. for February-April shipment, but sellers now ask more. Spot value is 3*s.* 2*d.*

ALMOND OIL.—English pressers have advanced their price by 3*d.* per lb. to 3*s.* 3*d.* for 1-cwt. lots and 3*s.* 4*d.* for smaller quantities. Supplies of raw material are extremely small.

ANISEED is offering at 80*s.* per cwt. for fair Russian, but the demand is slow.

ANISE OIL, STAR, is quiet at 4*s.* 2*d.* per lb. for "Red Ship" brand on the spot, and at 3*s.* 11*d.* c.i.f.

ANTIMONY.—Although the demand for Chinese crude is subdued, the tone is very firm and supplies limited at 46*l.* per ton. A few small parcels afloat have been sold at 44*l.* 10*s.* c.i.f. home ports. Permit restrictions to import make but little difference, while freightage to this side is almost impossible. America recently bought considerable quantities for near shipment, and the surplus in China is now reported relatively small. The American demand is chiefly for war purposes, and the fact deserves notice that the imports into the U.S.A. during October were much heavier at 1,571 tons, this covering crude and regulus, while the stocks in New York bonded warehouses were close upon 3,900 tons. The total American imports for ten months to October 31 were 18,636 tons, compared with 13,069 tons for the whole of the previous year, the latter returns including antimony ores.

ARROWROOT is dearer, fair to good manufacturing St. Vincent selling at from 8¾*d.* to 9*d.* per lb.

ARSENIC has become erratic, this being chiefly accounted for by the competition of cheap parcels from Greece and also Japan, and quotations are very wide at from about 130*l.* up to 160*l.* per ton, the latter for best Cornish powdered. Foreign material has been offering down to the lower figure, at which there are still sellers, while Japanese has been secured at 140*l.* The big rise within the last year or two has undoubtedly encouraged production. Freightage difficulties, however, are interfering with the movement of supplies, while nothing is now coming forward from Canada.

ASPIRIN.—The situation continues puzzling to the trade; values of raw materials maintain their prices, but aspirin itself, owing to keen competition among makers, sells at a price which leaves no profit, and one wonders how long this anomalous position is going to last.

BALSAM TOLU.—Single cases have been sold at 6*s.* net on the spot.

BENZOIC ACID.—The American shipments of benzoic acid to this country have fallen off owing to the prohibitive price asked. Further sales for March delivery have been made at 17*s.* 6*d.* per lb., but supplies are limited.

BENZONAPHTHOL is offered at 50*s.* per lb. on the spot.

BERGAMOT OIL is easier, with sales on the spot at 19*s.* for 38-per-cent. esters.

BISMUTH SALTS.—The following are the makers' list-prices and for lots under 1 cwt.: Carbonate, 14*s.* 7*d.*; subnitrate, 13*s.* 2*d.*; citrate, 14*s.* 5*d.*; nitrate cryst., 9*s.* 4*d.*; oxide, 16*s.* 10*d.*; salicylate, 16*s.* 1*d.*; subchloride, 14*s.* 8*d.*; subgallate, 14*s.* 8*d.*; and tannate, 16*s.* 1*d.* per lb. net. Contracts may be booked for delivery over three months.

BROMIDES remain firm, especially potash, at 7*s.* 9*d.*, and ammon. at 6*s.*; soda is 3*s.* 9*d.* Prices in America are on a much lower parity than those in London, and when export licences are granted in the U.S.A. the present artificial position may be relieved to some extent.

CADMIUM is very irregular, offers of cheap parcels, partly in second-hands, being reported down to about 7*s.* 3*d.* per lb., but the general range of quotations is more like 7*s.* 6*d.* to 8*s.*, the quantities available being comparatively restricted.

CAJUPUT OIL is dearer at 5*s.* per lb. on the spot.

CAMPHOR (REFINED).—Japanese slabs are firm, with spot sellers at from 3*s.* 11*d.* to 4*s.*, and February-April shipment at 3*s.* 9*d.* c.i.f.

CAMPHOR OIL.—White essential is quoted at from 110*s.* to 115*s.* per cwt., as to seller.

CANARY-SEED is steady, with a fair demand. Ordinary to good Morocco is bringing 175*s.* to 180*s.* per quarter.

CARAWAY-SEED.—Good Morocco has been sold at 220*s.* per cwt.; for ordinary Levant 215*s.* is asked.

CASCARA SAGRADA.—The corrected stock in London at the end of January is estimated at 62 tons, compared with 53 tons in January 1917; the landings in London during January were *nil*, and the deliveries 3 tons. Last week we reported business done at 120*s.* per cwt. on the spot, with 125*s.* asked, this being the position this week also. In regard to further arrivals taking place it is pointed out that there is little possibility of freight being allocated for this bulky drug during the present shipping and transportation conditions. Moreover, the freight is 16c. per lb. (8*d.*), to which has to be added insurance charges, etc., and taking the New York quotation at 14c., the quotation works out at about 1*s.* 3*d.* per lb., or 140*s.* per cwt.

CHAMOMILES.—Either Belgian or French are offered at 350*s.* per cwt. on the spot.

CINCHONA.—At the London auction on Tuesday 913 packages Calisaya offered and 10 cases sold at 1*s.* 6¾*d.* for thick bold quill. Good quill was bought in at 1*s.* 3*d.* to 1*s.* 6*d.*, good flat at 2*s.*, and eight bales partly broken quill sold at 1*s.* 3*d.*

CINNAMON.—The "Ceylon Observer" (December 15) reports that "the cinnamon market has been at very low ebb for nearly a year, so much so that a lb. of cinnamon was sold at from 20 to 22 cts. Considering that the owners had to pay some 18 to 19 cts. for peeling the cinnamon, this price was considered anything but satisfactory. As a result several owners uprooted the spice and put in other plants such as coconuts, etc., over 1,000 acres being treated in this way. There were two big shipments in November, and much of the accumulated stock was got rid of. The quantity sent approximately was 10,000 bales (about 1,000,000 lb.)."

CLOVES are quiet, with sellers of fair Zanzibar at 1*s.* 9*d.* per lb.; arrival market is nominal.

COCOA-BUTTER.—Several makers do not appear to be in a position to offer, and second-hands have done a good business at from 1*s.* 9½*d.* to 1*s.* 10½*d.* per lb. Quantities have been placed on sale in retail shops, as there is a public demand for such fats.

CORIANDER-SEED is selling slowly at 80*s.* per cwt. for Morocco and at 52*s.* 6*d.* for East Indian.

COUMARIN is held on the spot at 175*s.* per lb.

CREAM OF TARTAR is 5*s.* per cwt. dearer at 385*s.* for 98-per-cent.

CUMIN-SEED is in more demand, but the price is easier at 65*s.* per cwt. for good sifted Morocco.

DILL-SEED is unchanged at 55*s.* to 57*s.* 6*d.* per cwt. for East Indian.

ERGOT is firm, with Russian and Spanish offering at 3*s.* 1*d.*

FARINA.—Japanese has had a further substantial advance, the sales including No. 1 for December-February shipment at 71*s.*, February-April at 66*s.*, January-March at 66*s.* to 72*s.*, April-June at 69*s.* Spot has been sold at up to 68*s.* *Sweet* potato-starch has been done at 61*s.* to 68*s.* 6*d.* c.i.f. for February-March and March-May shipment.

FENNEL-SEED is slow of sale at 57*s.* 6*d.* per cwt.

FENUGREEK-SEED has been sold at 43*s.* 6*d.* per cwt. for Morocco.

GENTIAN is firm at 90*s.* per cwt. on the spot; no arrivals have taken place for some time past.

GUM ACACIA is firm, with fair Kordofan sorts offering at 90*s.* per cwt. and cleaned at 95*s.* on the spot. In auction 13 packages of fair brown Barbary gum were retired at 95*s.* per cwt.

HELIOTROPIN.—Sales have been made at 32*s.* 6*d.* per lb. on the spot.

HENBANE.—The value of good sound Egyptian is 250*s.* per cwt.

HEXAMINE is firm and scarce at 6*s.* 6*d.* per lb. on the spot. A fair quantity is in course of shipment from the U.S.A., which ought to ease the situation, especially in view of the easier position in formaldehyde.

HYDROQUINONE has been in fair demand, and supplies are somewhat scarce at the moment at 14*s.* net; sales to arrive have been made at 12*s.* 6*d.* One of the American makers has had a breakdown in his plant, and this has created a temporary shortage.

INSECT-FLOWERS.—Japanese in pressed bales offer at 160*s.* per cwt. on the spot.

LEMONGRASS OIL.—Cochin is a trifle easier at 4⅞*d.* per oz. on the spot for 70-per-cent.

LIQUORICE-ROOT.—No natural appears to be obtainable on spot; decorticated is offered at 130*s.* and cut decorticated at from 140*s.* to 145*s.* on the spot.

MENTHOL remains quiet at 12*s.* 9*d.* per lb. for Kobayashi-Suzuki on the spot.

MILK-SUGAR.—As bearing on the manufacture of milk-sugar in Holland we learn that the milk shortage continues in an acute form, and that the Government are trying to meet it more or less by rationing.

MINT OIL.—Japanese is quiet at 3*s.* 4*d.* per lb. on the spot for Kobayashi-Suzuki.

OTTO OF ROSE valued at fr. 1,014,500 was exported from Bulgaria to Switzerland during the first six months of 1917, according to the Bulgarian "Utro" of December 21.

PEPPER is steady at 1*s.* 2½*d.* for fair black Singapore, 1*s.* 3¾*d.* for Tellicherry, and 1*s.* 3¼*d.* for Alleppy, all on spot. *White* is dearer at 1*s.* 8½*d.* for fair Singapore, with sales of Muntok at 1*s.* 9*d.* on spot.

PEPPERMINT OIL.—Sellers of finest American in tins quote 17*s.* 6*d.* net on spot, and at rather less to come forward; H.G.H. is 22*s.* 6*d.* London terms.

PLATINUM has been raised by 110*s.* per oz., and is now 400*s.*

QUININE.—The raising of the embargo by the British Government on cables to and from Holland may lead to an improvement in business relations with that country, and better facilities for obtaining deliveries of quinine. The Government appropriations of quinine do not appear to leave much available for distribution to druggists, but as soon as more bark becomes available makers may again be in a position to offer more freely to the trade.

RESIN.—With prices under control the market is nominal. Spot business in future is to be net, without discount, the prompt being seven days from date of contract.

SACCHARIN.—The sugar shortage has lately led to a considerable demand on the part of the public for saccharin-tablets, and spot holdings of stocks have been absorbed somewhat rapidly, prices having steadied in consequence. The position, however, in regard to prices calls for caution, and buyers would be well advised not to stock too heavily in view of a possible decline. Spot prices show a wide range, parcels of 550 strength having changed hands at from 300*s.* to 350*s.* per lb., and February-March shipment at from 220*s.* to 280*s.* We note that a Mincing Lane firm of sugar merchants is quoting prices of tablets in bottles—a new development.

SALOL is steady at from 9*s.* 6*d.* to 10*s.* per lb. net on the spot, as to seller.

SENEGA.—Market is very bare of supplies, quotation being nominal at 6*s.* per lb.

SHELLAC is a nominal market, with sellers quoting usual standard quality TN Orange at 490*s.* and fine Orange at 520*s.* per cwt.

SPERMACETI.—Shipment from the United States appears to be prohibited; further spot sales have been made at 1*s.* 6*d.* per lb.

TAMARINDS.—Good West Indian are worth 70*s.* per cwt. on the spot, duty paid.

TRAGACANTH has been placed in the "A" category of the list of prohibited and restricted exports.

TURPENTINE.—Small sales to consumers have been made at 124*s.* 6*d.* for American. The Ministry of Munitions has issued the following statement, dated February 12: "Speculative operations remaining open for February, March, and April deliveries must be settled within seven days at a price to be fixed by the market on the Baltic Mercantile and Shipping Exchange."

WAX, VEGETABLE, is firmer, sellers now asking 102*s.* 6*d.* per cwt. on the spot, and for February-April shipment 97*s.* 6*d.* c.i.f. has been paid.

London Drug-auctions.

Commercial Sale Rooms,
Mincing Lane, E.C., February 14.

A fair quantity of offerings changed hands, but prices show little change. Cape aloes was steady for firsts, but seconds was rather easier. Curaçao has been dealt in privately. No Sumatra benzoin offered, and Siam is held for a further advance. Calumba being still scarce brought an advance of 10*s.* to 12*s.* on previous auction rates. Cardamoms were not offered. Gamboge is quiet, business being done privately. Honey of various descriptions again met with a keen demand at a further advance of from about 15*s.* to 20*s.* per cwt. Ipecacuanha is quiet but steady. Kola was in demand at a further slight advance. Liquorice-juice is neglected. Orange-peel is held for higher prices. Rhubarb was cheaper on forced sales, and for grey Jamaica sarsaparilla an advance of 3*d.* per lb. was paid on previous auction rates. Tinnevelly senna leaf and pods were forced off at a slight decline. Squill is plentiful but quiet. Wax is dull, and Jamaica was easier inclined.

The following table shows the quantity of goods offered and sold:

		Offered	Sold
Aconite (Jap.)		33	0
Albargin (Sw.)	(kilos)	5	0
Aloes—			
Cape		23	23
Curaçao		100	0
Socotrine and Mocha	(kgs.)	25	0
Alumnol	(tins)	93	0
Ammoniacum		1	0
Anise, star		100	0
Annatto-seed		80	0
Aristol	(bott.)	100	0
Asafetida		47	2
Bayberry-bark		8	0
Benzoin—			
Siam		15	0
Blackalder-bark		8	0
Blackhaw-bark		23	0
Boldo-leaves		12	0
Buchu		4	0
Burgundy pitch		4	0
Calabar-beans		16	0
Calamus-root		60	0
Calumba		81	81
Cantharides		29	0
Cardamom-seed		2	0
Cascara sagrada		16	0
Cascarilla		1	0
Cherry-bark		11	0
Chiretta		18	0
Cinchona		8	0
Cinnamon-leaf oil		4	0
Coca-leaves		41	0
Colchicum		3	0
Colocynth and pulp		5	3
Condurango		36	0
Coriander-seed		310	0
Cubebs		86	0
Cuttlefish-bone		25	0
Diacetyl tannin (Sw.)	(bott.)	185	0
Dill-seed		154	1
Dragon's-blood		14	0
Egg-yolk		42	0
Eucalyptus leaves		1	0
Eucalyptus oil		55	0

		Offered	Sold
Euonymus		13	0
Fennel-seed		145	0
Fenugreek-seed		20	0
Galangal		40	0
Gamboge		22	*5
Gelatin		5	0
Grindelia rob.		25	0
Guaiacum		9	0
Gum acacia		80	1
Helmitol	(cs.)	2	0
Henbane		20	1
Honey—			
Australian	(cs.)	176	176
Chilian		475	475
Cuban		19	19
Hayti	(pkgs.)	18	18
Jamaica		2	2
Porto Rico	(brls.)	108	108
Portuguese	(brls.)	15	15
Trinidad	(cs.)	7	7
Insect-flowers		15	0
Ipecacuanha—			
Cartagena		3	0
Johore		3	0
Matto Grosso		23	*2
Irish moss		14	0
Kamala		47	0
Kava-kava		11	0
Kino		3	0
Kola		189	144
Laurel-berry oil		5	0
Liquorice-juice	(cs.)	200	0
Lobelia		31	0
Mace oil		2	0
Maquaqua seed		6	0
Matico		38	0
Menthol valerianate	(bott.)	550	0
Methylene blue (med.)	(tins)	2	0
Migrainin	(kilos.)	25	0
Nhula nuts		87	0
Nux vomica		216	70
Olibanum		90	0
Orange-peel		24	0
Orris		1	1

*Sold privately.

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	Offered	Sold
Pennyroyal oil... ...	2 ...	0
Poppy-seed	25 ...	0
Rhapontica	30 ...	30
Rhatany...	25 ...	0
Rhubarb (Ch.)	39 ...	32
Rouge-et-noir-beans ...	8 ...	0
Saffron ... ...(pcls.)	3 ...	0
Sage-beans	25 ...	0
Sarsaparilla—		
Grey Jam.	36 ...	14
Honduras	6 ...	0
Savin-leaves	10 ...	0
Scopolia	19 ...	0
Senna and pods—		
Alex.	40 ...	0
Tinnevelly	433 ...	244
Silver albuminate (bott.)	209 ...	0
Snake-root	1 ...	0
Stramonium	9 ...	0
Squill	129 ...	0

	Offered	Sold
Stavesacre	12 ...	0
Sticklac	4 ...	4
Thyme-leaves	40 ...	0
Tragacanth	140 ...	0
Turmeric	150 ...	20
Turpentine	2 ...	0
Valerian	50 ...	0
Veronal ... (bott.)	165 ...	0
Witchhazel-leaves ...	2 ...	2
Wax (bees')—		
Abyssinian	20 ...	0
Chilian	20 ...	0
East African... ...	50 ...	0
East Indian	200 ...	0
Egyptian	100 ...	0
Jamaica	35 ...	12
Morocco	45 ...	0
Mombasa	20 ...	0
Mozambique... ...	206 ...	0
West Indian	3 ...	3
Zanzibar	29 ...	0

Aloes.—Capo firsts sold at steady rates, but for seconds prices were rather easier; 23 cases realised 54*s.* to 55*s.* for good hard firsts, 49*s.* for fair firsts, 46*s.* 6*d.* for good seconds, 41*s.*, subject, for dull seconds, and 39*s.* for ordinary dull hard. Of Curaçao 100 boxes offered and were bought in, comprising fair liver at 100*s.*, dull black at 95*s.*, and black capey (of which the bulk consisted) at 80*s.* Privately sales of black have been made at 75*s.*, medium at 85*s.* up to 100*s.* for good fair liver. No Zanzibar offered; privately good hard in monkey skins is held at from 95*s.* to 100*s.*

Asafetida.—Two cases of brown and pink soft mass sold at 15*l.* per cwt., subject, and a bid of 12*l.* is to be submitted for a further six cases of similar quality.

Benzoin.—No Sumatra offered; 15 cases of ordinary dark and blocky Siam garblings, imported in 1914, were bought in at from 22*l.* to 24*l.* per cwt.

Buchu.—Four bales were offered and bought in, including stalky round greenish at 5*s.* 10*d.* and round yellowish at 5*s.* 3*d.* per lb.

Calabar-beans.—For 16 bags the price was 1*s.* 1½*d.* per lb., a bid of 1*s.* being refused.

Calumba was a feature of the sale, 81 bags realising an advance of from about 10*s.* to 12*s.* 6*d.* per cwt., good fair natural, slightly wormy, sorts selling at from 165*s.* to 167*s.* 6*d.* (one lot), and for second-class country-damaged 157*s.* 6*d.* was paid.

Cinnamon-leaf Oil.—Four cases of Ceylon leaf were offered, and a bid of 11*d.* per oz. is to be submitted to the owner.

Colocynth.—Three bales of pale pulped sold at 1*s.* 2*d.* per lb. without reserve.

Eucalyptus Oil.—In auction 55 cases offered and were bought in, including 65-per-cent. eucalyptol at 2*s.* 7*d.* and 75-per-cent. eucalyptol at 2*s.* 10*d.* per lb.

Gamboge is steady. A lot of 17 cases offered, of which 5 had been sold privately, 35*l.* per cwt. being wanted for the remainder, consisting of fair Siam pipe, part dark and slightly blocky. Another lot of 5 cases of fair Siam, slightly mixed with Saigon, was bought in at 36*l.*

Gelatin.—Four cases Cannon's "Silver Leaf" sold at 4*s.* 4*d.* per lb., subject.

Honey met with a keen demand at a further advance of from 15*s.* to 20*s.* per cwt., all the offerings being sold. Of *Chilian* 475 kegs offered and sold, comprising nice pale set and setting, 174*s.* to 176*s.*; good pale brown set and setting, 165*s.* to 171*s.*; darkish brown, 165*s.* to 166*s.* Of *Australian* 178 cases offered and sold; nice pale set, 163*s.* to 166*s.* Of *Porto Rico* 108 casks offered and sold, comprising prime pale set, 164*s.* to 170*s.*, and a few at 161*s.* Of *Hayti* 18 packages offered and sold; pale set in barrels, part ullaged, at 164*s.* to 169*s.* Of *Portuguese* 15 barrels, dark amber liquid, good flavour, sold at 156*s.* Of *Cuban* 19 packages offered and sold, comprising fine white set, 185*s.*; pale setting, 167*s.* to 171*s.*; and brown set, 167*s.* Seven casks pale setting and amber liquid Trinidad sold at 171*s.*

Ipecacuanha was quiet, no public sales being made. Ordinary lean and stemmy Matto Grosso was limited at 11*s.*, and fair to good bright, part stout, at from 11*s.* 3*d.* to 11*s.* 6*d.*

Kola was rather firmer, 38 bags of good bright Java halves selling at 9½*d.*, and for a bag of good bright Dominican 8½*d.* was paid. About 95 packages of African sold, including country-damaged and part mouldy at 7*d.* to 7¾*d.*, good fair quarters slightly mouldy at 10¼*d.*, and sea-damaged quarters at from 8¼*d.* to 9¾*d.*

Liquorice-juice.—A further 100 cases of Italian 2-oz. sticks was offered and 100 cases of Italian block juice (just landed), but no bids were made.

Nux Vomica.—A lot of 136 bags good thick Calcutta was bought in at 45*s.* Sales have been made privately at this figure, and for another lot of 70 bags, ordinary small Calcutta, 40*s.* was paid.

Orris.—A single bag of fair Morocco sold at 80*s.* per cwt.

Rhapontica-root.—A lot of 30 bags sold at 25*s.* per cwt. gross for net.

Rhatany.—Fair quality was bought in at 1*s.* 1*d.* per lb.

Rhubarb was cheaper on sales without reserve, 30 cases, more or less wormy, Canton selling under these conditions, including bold round, with three-quarters greyish pinky fracture at 2*s.* 1*d.*, medium round 1*s.* 6*d.* to 1*s.* 9*d.*, small and trimming 1*s.* 9*d.* to 1*s.* 10*d.*, bold flat at 1*s.* 9*d.*, and small flat at 1*s.* 10*d.* per lb. Medium to bold round horny High-dried offered under usual conditions was limited at 1*s.* 6*d.*

Sarsaparilla was about 3*d.* per lb. dearer for grey Jamaica, 14 bales of which sold at 4*s.* per lb. out of 36 offered. Six bales of Honduras were offered and held at 3*s.* 6*d.* per lb. No native Jamaica or Vera Cruz offered.

Senna.—Tinnevelly sold more freely, holders showing more disposition to meet the market, and prices were steady to ½*d.* per lb. decline. *Pods* were cheaper, 50 bales selling without reserve at 3½*d.* for sound dark and 3¼*d.* for country-damaged. About 60 bales *pods* sold under usual conditions at from 3*d.* to 3½*d.* for similar quality. A few bales of fair medium greenish Tinnevelly leaf sold at 6¼*d.*, and for ordinary small to middling greenish 3½*d.* to 4*d.* per lb. was paid. No Alexandrian sold.

Sticklac.—Four cases of dull and dusty ground sold at from 60*s.* to 80*s.* per cwt., subject.

Turmeric.—Cochin split bulbs were limited at 42*s.* 6*d.* per cwt. A lot of 20 bags Chinese finger sold at from 45*s.* to 49*s.* per cwt. without reserve.

Witch-hazel-leaves.—Two bales sold at 2*s.* per lb. net and gross for net.

Wax, Bees'.—Jamaica, of which 12 barrels sold, was in easier tendency, from 11*l.* 7*s.* 6*d.* to 11*l.* 15*s.* being paid for fair to good red and brown mixed. Three packages of West Indian sold at 9*l.* 5*s.* to 9*l.* 10*s.* Mozambique was obtainable at from 9*l.* to 9*l.* 10*s.*, according to quality.

Arrivals of Chemicals, Drugs, etc.

The following arrivals have taken place at the Ports of London and Liverpool:

To London
(February 2 to 8).

Alcohol, wood, 6,970 gals.
Antimony reg., 152 tons
Bronze powder, 24 cs.
Casein, 24,224*l.*
Chemical products, unrated, 2 cs. 34 drms. 12 pkgs.
Arsenic, 169 cwt.
Aspirin, 20 cs.
Barbitone, 1 cs.
Bromides: potash, 51 cs.
Camphor, 755 cs.
Guaiacol carb., 2 cs.
Oxalic acid, 102 pkgs.
Potash iodide, 30 cs.
Quinine, 99,383 oz.
Salol, 10 cs.
Saltpetre, 2,000 cwt.
Soda cacodyl., 1 cs.
Tartaric acid, 142 brls. 20 pkgs.
Thorium nit., 5,016*l.*
Vegetable colours, 19 pkgs.
Drugs, unrated, 28*l.*
Aloes, 10 cs.
Belladonna-root, 56 bgs.
Cannabis indica, 10 cs.
Cantharides, 50 cs.
Cardamoms, 65 cs.
Chamomiles, 15 bls. 14 bdls.
Cinchona, 1,485 bls.
Galls, 4,111*l.*
Kola, 43 cwt.
Menthol, 120 cs.
Senna, 625 bls.
Squill, 100 bgs.
Valerian-root, 200 bgs.
Dyestuffs, tanning materials, etc., 177 pkgs.; carmine, 3 cs.; indigo, 68 chts.; myrabolans, 3,875 pockets 1,980 bgs.; tanners' bark, 515 tons
Emulsions, 312 bxs.
Gelatin, 688*l.*
Gums: acacia, 1,342 cwt.
Nuts and kernels (cwt.): cashew, 445; coconut, des., 1,196; copra, 1,737
Oils, essential, unrated, 631 cs. 14 pkgs. 12 pots 6 kgs. 20×½ cs.; anise, star, 250 cs.
Oils, fixed: coconut, unref., 1,097 cs. 89 pps.; fish, 3,750 cs.; palm, 199 cks.; teaseed oil, 476*l.*
Perfumery (mostly raw materials), 3,737*l.*; toilet-powder, 162*l.*
Resin, 100 cks.
Seeds (bgs.): anise, star, 464 cs.; canary, 595; coriander, 983; cotton, 1,135; dill, 285; mustard, 300
Soap, household, 264*l.*; soap stock, 1,487*l.*
Starches (cwt.), 600; farina, 160; potato-flour, 1,660
Talc, 785*l.*
Tallow, 1,000 cwt.
Waxes, not described, 1,553 bgs. 302 cs.
Wax, paraffin, 8,236 cwt.

To Liverpool
(February 4 to 9).

Celluloid, raw, 68 cs.
Chemicals, unrated, 113 brls. 68 cs.
Acetanilide, 38 brls.
Betanaphthol, 3 brls.
Calcium borate, 6,287 bgs.
Coumarin, 2 cs.
Heliotropine, 1 cs.
Hydroquinone, 4 cs.
Paraldehyde, 4 cs.
Salicylic acid, 115 brls.
Soda acetate, 69 brls.
Soda hyposulph., 200 kgs.
Soda nitrate, 103,096 bgs.
Thorium and cerium nit., 10 cs.
Dental goods, 1,941*l.*
Drugs, unrated, 346 cs. 38 bgs. 26 brls. 26 bls.; herbs, dry 27 bls.
Cod-liver oil, 45 brls.
Kola, 189 cwt.
Liquorice powder, 89*l.*
Menthol, 25 cs.
Quillaia, 150 bdls. 717 bls.
Dyestuffs, tanning materials, etc., unrated, 237 pkgs.; galls, 48 cs.; logwood, 200 tons; mimosa-bark, 504 bls.; tanning ext., 909 brls.; wattle-bark, 487 bls. 2,960 bxs.; wattle ext., 1,083 bgs.
Lithopone, 173 brls.
Nuts and kernels: copra, 2 bgs. ground, 32,283 bgs.; palm-kernels, 41,392 bgs. and 280 tons
Oils, essential, 10 cs.
Oils, fixed: fish, 863 drms. 250 cs.; palm, 527 cks.; pine-tar, 750 brls.; shark, 100 cs.
Perfumery, 61*l.*
Resin, 259 cks. 73 brls.
Sal hepatica, 40 cs.
Seeds (bgs.): coriander, 531; cotton, 2,535 tons; dill, 893; lin, 4,094
Starches (bgs.), 10,126; pearl, 1,710; wheat, 860
Wax, bees', 96 bgs. 5 brls. 19 sks.
Wax, paraffin, 1,009 brls.

Correspondence

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Profits on Proprietaries.

Sir,—Will "Manufacturer" please state how he increased his turnover 2,500*l.* in seven years? It has taken me five years to treble this business by the most up-to-date methods of advertising, salesmanship, and record-keeping. Reverting to your editorial article of January 26 (p. 43), the following figures may be of interest:

Sales Analysis, June to December 1917.

Drugs and proprietaries	£331 12 3
Patents and photographic	297 15 6
Sundries	116 13 9
Total	£746 1 6

The gross profit works out at 40 per cent.; overhead charges 15 per cent., which does not include own drawings.

Yours faithfully,
Tanto. (2/4.)

Sir,—I am glad to see that something is likely to emerge from this correspondence that will be of practical value to the trade. We are gradually reaching an agreement as to what we should demand, and it seems as if face-value all round, with 20 per cent. on foods, 25 per cent. on medicines, and 33⅓ per cent. on toilet-preparations, will pretty well unite everyone. The great point is to get the manufacturers to agree. The best of them give us these terms already; our cue is to bring the worst into line, and on to the P.A.T.A., or to leave them severely out in the cold. "Manufacturer's" letter last week is decidedly interesting, since it proves what can be done by well-directed advertising of one's own proprietary. "J. F. G." has never felt the pinch. But plant a cutting drug-store a few doors off and he would soon get the wind up. I know, for I have been through that mill. "Nomen" also is in a similar position. He gets full prices, and so he wants to drop the subject. We who don't get full prices would rather not drop the subject till we see some prospect of betterment. I congratulate "Edina" on his luck, for it is largely luck which enables a pharmacist to have a turnover of 1,270*l.*, and to use, in doing it, only half a ton of coal and some 15,000 to 20,000 cubic feet of gas or its equivalent in current. The point about the amount of stock is important. That the entire stock should be turned over in from five to six weeks is unique in my experience of chemists' businesses.

Yours truly,
Londoner. (9/81.)

Sir,—As one heartily in sympathy with the idea of face-value for proprietaries, I have looked in vain for some expression of opinion of what to me seems the biggest obstacle against the proposal—namely, the granting of what would mean a special privilege to Co-operative Stores. Granted that the multiple shops and all chemists agreed and were bound down by Proprietary Articles Trade Association rules to sell proprietary articles at face-value, then I submit that Co-operative Stores (and in many towns in the North there are as many as twenty to thirty branches) would be able to claim the unique privilege of offering these lines cheaper than any other trader. A proprietary article sold by the chemist at 1*s.* 3*d.* could be obtained for 1*s.* 3*d.* less the dividend—that is, approximately, 1*s.* 1½*d.*—from the Co-operative Store. It is making worse an already very difficult position, and if this could only be adjusted I think the idea of face-values would be welcomed by all traders. At the present time these stores have to sell some proprietaries at a higher price than the cutting chemist to obviate loss, and some lines have even to be sold higher than the advertised price for similar reasons. The ability of the chemist to adjust his prices is his one weapon against the stores. Of course, if we take articles on the P.A.T.A., we, as chemists, are undersold every time by these stores. It is no use arguing that supplies could be stopped; it has been found that the goods have a way of finding their way to the stores somehow; it has been tried and failed.

Yours faithfully,
N. H. (11/2.)

Sir,—The root-cause of the profit trouble has been missed in this correspondence. It is the cost of advertising. The largest whack of the fifteenpence for a patent goes for publicity, and all along we have been simply building up millions for Lord this and Sir the other, the owners of popular periodicals. As long as you have patent-owners handing out 400*l.* or so for a single-page insertion in a daily there cannot be sufficient profit for the distributor. As I write a popular weekly lies on my desk, and one whole page of the cover—at a cost of at least 100*l.*, probably more—is taken up with the announcement of a patent, and that is only one of several current periodicals containing the same advertisement. The best terms for this particular article show the retailer a shade over 20 per cent. of turnover. It is no wonder the proprietors of this article cannot give a better profit; and I doubt if they themselves, owing to their advertising expenses, get a sufficient return on their capital. Space cost in the lay Press is absurdly high, and if proprietary-owners would combine to refrain from advertising for a couple of months the papers would soon "feel the draught." A reduction in charges would probably quickly follow, and if this saving were split up between manufacturer and retailer (the wholesaler always gets his 10 to 15 per cent.) a better state of things would be brought about. In the non-advertising period referred to, how could we retailers help the patent-owners? By window-shows, prominent exhibition of showcards, and an honest distribution of counter-bills.

Newskliff. (3/27.)

The Title "Chemist."

Sir,—I should like to support the view taken by Mr. R. G. McKinstry, Ph.C., that the title "apothecary" is the most suitable. If it cannot be had legally, I hold that "pharmacist" is very nearly as good. Without the qualifying adjectives the title "chemist" is misleading: the Fellow of the Institute of Chemistry is the individual to whom the title "chemist" should belong unless the qualifying words "pharmaceutical," "dispensing," or "analytical" are used. As a pharmaceutical chemist, I would not for a moment fight for the title "chemist." We should, however, get or select either of above suggested.

Truly yours,
Belfast. Samuel Hogg.

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

Floor-stain.

"If methylated spirit be used instead of turpentine for diluting Brunswick black (*C. & D.*, January 5, p. 37) a more uniform stain will be obtained. The result can be further improved by following within the hour by the usual beeswax-polish. If the spaces have been filled with wax, smoothing with warm spatula, then walk warily, or you may 'bump your tail.'"—*H. S., Leamington Spa.*

Cheap Charity.

W. T. G. (254/59) writes: "An old lady, whose medical benefit under the National Insurance Act has lapsed, interviewed the doctor who formerly attended her. The doctor said, 'I cannot order the article under the Insurance, but I'll give it you as a charity.' He thereupon handed the old lady a prescription for boric lint, written on one of the Insurance Committee's forms, but marked 'Not on my list.' When this was presented to the chemist and the customer was asked to pay for it, she realised how cold was the doctor's charity."

Educating Medical Men.

Scotius (121/9) writes: "The ignorance of the medical profession regarding the nature of the training and the qualification of registered chemists and druggists has been fully borne out from inquiries made throughout Scotland, and the question is being asked, Would it not be advisable to acquaint medical men and the public in general about these matters by means of contributions to the medical and lay Press? The idea is worth considering in view of the question of State recognition of the pharmacist. We are living in an advertising era, and there is little doubt that such information would result in the enhancement of our qualifications in the eyes of both doctors and public. The proposal savours perhaps of radicalism, but is tempered with rationalism, and would help to unfetter pharmacy from its conservatism and enable the public to value our training at its true worth."

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Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on page 353.

L. B. K. (206/24).—INSPECTION OF POISON REGISTERS.—You are not obliged to show your poison register to the police, but it is good policy, to evince a readiness to assist any genuine inquiry if it is in the interests of justice.

A. H. J. (1/41).—The sale of salt of lemon (a soluble oxalate) is not confined to qualified chemists, but under the Poisons and Pharmacy Act the seller must label it with the name of the substance, the words "Poisonous" and "Not to be taken," and name and address of seller.

Hove (2/2).—(1) The use of the trade-mark name for the pills would probably make them liable to stamp-duty, even although a reference-number to a formulary of known, admitted, and approved remedies is given. (2) If you make a charge for postage on free samples of medicines, you make the medicines liable to stamp-duty.

Pills (253/60).—UNQUALIFIED PARTNER.—There is nothing to prevent an unqualified person being a partner with a qualified chemist, but the difficulty will be to carry on the business in such a way that the unregistered partner does not use titles he is forbidden to employ by the Pharmacy Acts, and that he does not keep open shop for the sale of poisons. Under the Registration of Firms Act the names of the partners will have to be given on all trade circulars, trade catalogues, showcards, and business letters.

Ajax (243/42).—A man is examined by a Medical Board and given a certificate marked "Totally and permanently unfit for military duties." Is he liable to be called upon to present himself for a further medical examination? Is there any difference between this certificate and one marked "R.R."? [The certificate in question is final, and the man is not liable to re-examination under the existing Military Service Acts. A man who is marked "R.R." may be called for further examination at the end of six months.]

W. H. L. (248/47) has a contract with his Borough Council for a supply of electricity. He has been served with a notice by the Council intimating that their charge for electricity "for private or domestic or contract supplies" will be increased by 10 per cent. Is this increase enforceable? [Without seeing the contract it is impossible to state whether the charge can be increased. It is probable, however, that the contract reserved power to the Council to increase the charge within the statutory limits. This opinion is borne out by the fact that the notice served by the Council referred to "contract supplies."]

C. D. (3/7).—REGISTRATION OF EMPLOYES.—Regulation 41A of the Defence of the Realm Act requires a return of all male employés "of sixteen years of age and over," so that the assistant you employ who is considerably over military age must be included in the return. If he is only employed occasionally a special form (No. III.) must be used, which is a "statement of male persons of sixteen years of age or over employed during the preceding month for a period of less than one week." You are not required to keep posted up on the premises the names of persons included in Statement No. III.; this requirement only applies to permanent employés.

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

H. K. W. (254/36).—CONTINENTAL PRESCRIPTIONS.—Bouchardat's "Nouveau Formulaire Magistral" and Dorvault's "L'Officine" are two good guides to the galenical preparations met with in foreign prescriptions. The comparisons of the British Pharmacopœias with Continental Pharmacopœias which were published in *The Chemist and Druggist Diary* for 1911 and on other occasions are also useful.

Medicus (3/29).—MEDICINAL PLANTS.—Mrs. Grieve, Whin's Drug Farm, Chalfont St. Peter, Buckinghamshire, supplies all kinds of medicinal herbs for growers. A good deal of information on the growing of medicinal plants has been printed in THE CHEMIST AND DRUGGIST, and there was a treatise on the subject in *The Chemist and Druggist Diary*, 1908.

Specialist (251/9).—This is clearly a case for a medical opinion. A neuritis of such severity as described may be due to some serious organic lesion, which can only be determined after careful examination.

Equo (254/69).—(1) SPONGES that have become shop-worn may generally be restored by washing in soap and water. (2) MANGE IN HORSES.—The following is from "Veterinary Counter-practice":

Black sulphur	4 oz.
Powdered white hellebore ...	1 oz.
Turpentine	1 to 4 oz.
Linseed oil to make	24 oz.

Apply twice a day for a short time, then once a day.

(3) FOR LICE ON HORSES the following lotion was recommended by Dr. Stewart Macdougall in a lecture before the North British Branch of the Pharmaceutical Society:

Arsenious acid	1 oz.
Soft soap	2 oz.
Sodium carbonate	1½ oz.
Water	2 pints

Dissolve by boiling and then dilute to 5 gals. with water. Two dressings are required, with an interval between them of seven to ten days.

Flagship (247/67).—We cannot spare space to deal with the treatment of pneumonia, this being a complaint which is outside the range of diseases which can be treated at the counter.

J. M. A. (248/61).—(1) MUSTARD OINTMENT:

Flour of mustard	ʒvj.
Water	℥j.

Mix and add—

Resin cerate	ʒij.
Oil of turpentine	℥ss.

Employed as a stimulant and rubefacient in rheumatism, chilblains, etc.

(2) We have not heard of waterglass being used in enamel paint; the usual enamelling ingredient is varnish.

Ko-Sam (248/57).—NAVAL DISPENSERSHIPS.—Entry into the Service is by examination conducted by the Civil Service Commissioners, but the candidates, who must be pharmacists not older than twenty-eight, are first selected by the Director-General of the Medical Department of the Navy, Admiralty, London, S.W. The pharmacist's duties are carried out in the naval hospitals, the dispensing on board being done by the junior medical officers.

W. A. (247/15).—There is no book published, so far as we are aware, dealing exclusively with the growing of castor-oil plant and the manufacture of castor oil. Some of the bulletins of the United States Department of Agriculture deal with the cultivation of the plant, and details of the expression of the oil are to be found in such works as Lewkowitsch's "Chemical Technology and Analysis of Oils, Fats, and Waxes."

M. S., Ltd. (3/13).—SACCHARIN-TABLETS.—The diluent employed is milk-sugar, and to ensure the solubility of the saccharin an equal amount of sodium bicarbonate is added. The saccharin and the sodium bicarbonate are granulated separately and mixed in the proper proportions before compressing.

F. M. T. (1/58).—APPROVED SOCIETY FOR ASSISTANTS.—The Chemists' Friendly Society, 194 St. Vincent Street, Glasgow, was founded especially for chemists' assistants who are required to be insured under the National Insurance Act.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Feb. 15, 1868.

Pharmacy Bill.

At last we have a fair prospect of a speedy settlement of the great question of pharmaceutical legislation, and we trust that no clouds will arise to spoil it. We believe that success mainly depends on union, and a discreet advocacy of the Bill. Nobody doubts that the interests of chemists and druggists would be advanced by legislation; but we fear that some of the advocates of an educational qualification are inclined to put this fact forth as a reason for parliamentary action. This is a great mistake. No pains should be spared to convince Parliament that the advantages to accrue to the *public* constitute an all-sufficient motive-power.

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This sodium compound (sodium sesquicarbonate) is a variety of carbonate of soda in small silky crystals, containing much less water than ordinary washing soda; 1 lb. of it does the work of 2 lbs. of washing soda. Concentrated crystal soda is excellently suited for chemists' trade; they can make a speciality of it, and it is also suited for making water-softeners, brush powders, hair-wash powders, and the like.

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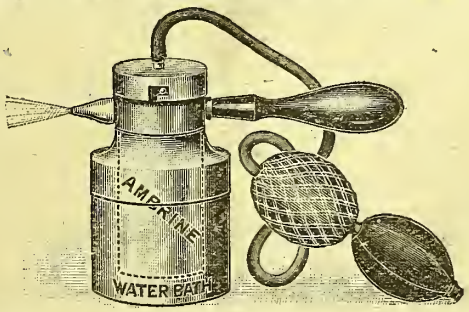

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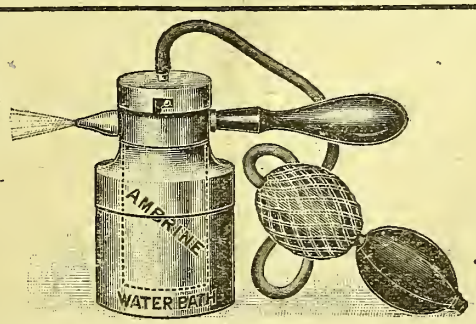

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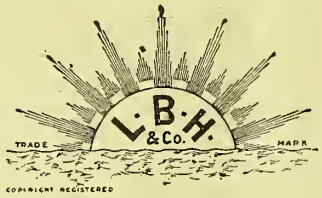

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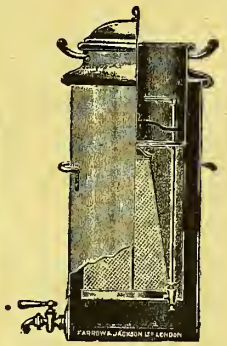

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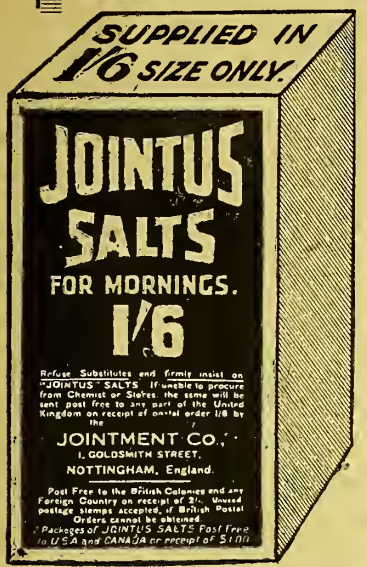

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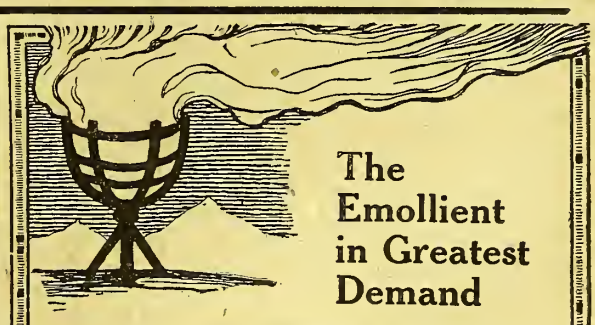

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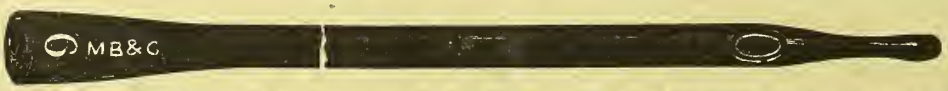

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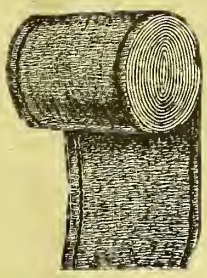

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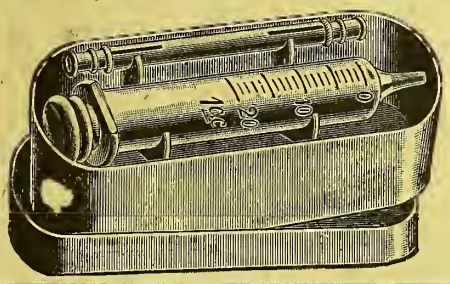

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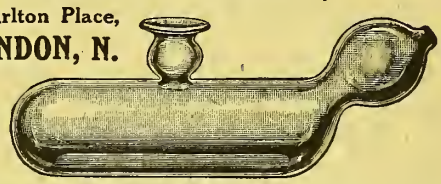

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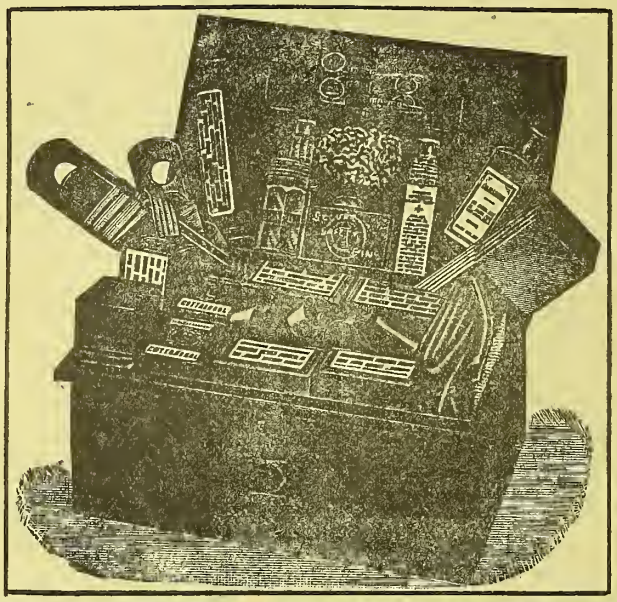

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UNDERNEATH is shown the "Ronoleke" new prices. Present-day conditions make the slight increase imperative. We do not, however, ask you to shoulder the burden—we take you with us! We *do* ask your co-operation, to our mutual benefit. In your comparison of new with old prices you will find that we have considered your interests generously.

NEW PRICES.

Size.	Wholesale Price. (each)	Retail Price. (each)
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6″ × 10″	4/5	6/8
6″ × 12″	4/9	7/2
7″ × 10″	4/8	7/-
7″ × 12″	5/4	8/-
8″ × 10″	5/-	7/6
8″ × 12″	5/8	8/6
8″ × 14″	6/1	9/2
9″ × 12″	6/-	9/-
10″ × 12″	6/5	9/8
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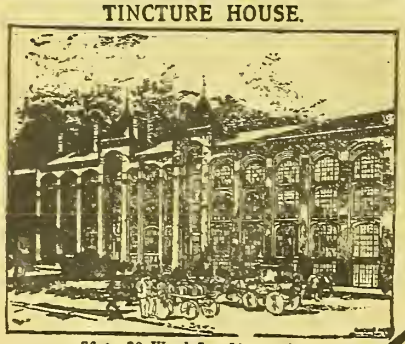

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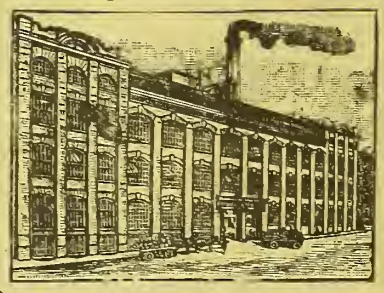

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THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C. SATURDAY, FEBRUARY 16, 1918

This Supplement is Inserted in every number of The Chemist and Druggist.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—HOME COUNTY.—Good-class Dispensing and Retail Business, giving a net profit of about £500 yearly; having known this business for some years, we can personally recommend it to your notice as a bona-fide investment.

2.—SURREY.—Vendor retiring; very old-established Business; Dispensing and Retail; held by vendor upwards of 40 years; returns, present rate, about £2,500; net profit between £500 and £550; the premises are situate in the centre of town; there is an excellent opening to extend the turnover; further particulars on application.

3.—WEST END.—Lock-up Pharmacy; Retail and Dispensing; returns £1,200; gross profit about £700; books open to inspection; vendor, having taken up another business, will make some sacrifice for a speedy transfer; valuation terms entertained.

4.—LONDON (Kensington District).—Good-class Retail and Dispensing Business for disposal through death; returns £800, formerly £1,000; excellent opening for an energetic man with small capital; comfortable residence; new lease; full investigation is invited; price £400, or valuation of stock and fixtures.

5.—THAMES VALLEY.—Retail and Dispensing Business, situate in busy main thoroughfare; returns between £1,800 and £1,900; *net profit* £461; books open to inspection; price £850; stock and fixtures recently valued at £650.

6.—LONDON (Suburban), S.W.—Retail and Dispensing Business, situate in main thoroughfare of good middle-class locality; returns over £1,900; the shop is well fitted and thoroughly stocked; convenient residence, with private entrance and garden; price £500; stock and fixtures were recently valued at £750; this is an opportunity seldom met with.

7.—LONDON, N.—Ready-money Retail, with small Wholesale connection; corner shop, situate in busy market neighbourhood; the business has been much neglected; returns, under management, £1,793, at good prices; scope for development under personal supervision; vendor retiring; no reasonable offer refused.

8.—SOUTH COAST (large town).—Select good-class Business, admitting of great extension under modern management; returns, present rate, £1,600; price about £1,000, or near offer; stock and fixtures estimated at £900.

9.—HANTS.—Mixed Country Business; established 100 years; returns £800; *net profit* £300; large double-fronted shop; comfortable residence; price £450.

10.—WESTERN COUNTY (Health Resort).—Good-class Retail and Dispensing Business; established many years; returns average over £1,200 per annum; gross profit £530; rent £55; price £850, less than value of stock and fixtures.

11.—HANTS (Seaport).—Established Business, Retail, Dispensing and Prescribing; returns £500 at good prices, practically no patents being sold; rent £30 per annum; price about £250.

12.—KENT (Market Town).—Modern Ready-money Business, situate in pleasant district; returns about £1,000; the business admits of extension; terms, valuation of stock and fixtures.

13.—MIDLANDS.—Vendor retiring; good-class Dispensing and Retail Business; excellent situation; returns exceed £2,000 yearly; well-appointed shop and good residence; valuation terms entertained; books properly kept and periodical stocktaking.

14.—NORTHERN COUNTY.—Good-class Retail and Dispensing Business; established many years; returns between £900 and £1,000; profits good; large residence with private entrance; vendor will accept valuation of stock and fixtures.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone **Profit, the value of Business, &c.,** can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss.**

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

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BUSINESSES FOR DISPOSAL.

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CLYDE SUMMER RESORT TOWN.—For Sale, to close a trust, old-established Drug, Tobacco, and Photo Business for Sale; no opposition; large and profitable business can be done, especially in own preparations, Veterinary and Agricultural Medicines, for which there is a rare opening; stock and fitting valuation. Further particulars, apply 28/24, Office of this Paper.

CORNWALL.—Light Retail and Dispensing; no near opposition; lock-up shop; good position in main street; good market town; established 12 years; lease; owner retiring, intends to reside permanently in neighbourhood, and will manage for a time if necessary; several good Proprietaries; all cash trade. Particulars, Samuel Arthur, Chemist, Redruth.

HULL.—For immediate disposal, owing to death of late owner, Chemist's Business, established 1875; shop well stocked and fitted; warehouse; good turnover; books open to inspection; splendid opportunity for an enterprising man. Apply "Executor," 455 Anlaby Road, Hull.

LANCASHIRE COAST (beautiful district).—Sound Cash Business, doing £12 to £14 weekly under unregistered management, without advertising or Dispensing; a Pharmacist could do £20 at once, and £30 in a short time; rent £25; profit about 30 per cent.; fixtures and stock worth £280; price £300. Apply 31/5, Office of this Paper.

LONDON, S.W.—Light Retail Business for Sale in good residential locality; returns £1,900, increasing yearly; good opportunity for suitable man; proprietor will manage for a time if necessary; price £450, or reasonable offer. Apply 31/28, Office of this Paper.

MANCHESTER (Suburb).—Old-established Chemist's Business; shop and residence; rent £40; late proprietor dead, widow retiring; returns £1,000; cash business; full investigation; stock and fittings about £400, or valuation; early sale desired; low price will be accepted. Apply William Walker, Solicitor, 20 Cross Street, Manchester.

YORKSHIRE (West Riding).—For Sale, as a going concern, in consequence of the death of owner, old-established Chemist's Business and N.H.I. (Veterinary specialities); returns about £1,000; full investigation. Apply 31/17, Office of this Paper.

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1.—HERTS (Market Town).—Most desirable Light Country Retail; easily worked; returns about £900; good profits; excellent house, bathroom, etc.; very best position; well stocked; price for prompt sale, £400, or near offer.

2.—KENT (Suburb).—Good progressive Middle-class Business; no booking; returns £1,850; *net profit* £450; books properly kept; convenient house; handsome Pharmacy, heavily stocked; price £50 and valuation; about £1,000; strongly recommended.

3.—NORTH WALES COAST.—Unopposed, sound Light Retail, returning £700; *net profit* £250; up-to-date Pharmacy, well-fitted and stocked; price £300 or valuation.

4.—LEICESTERSHIRE.—Sound Cash Drug Store in small town; returns average £630; *net profit* £200; good house and Pharmacy, well stocked; price £300 or valuation.

5.—WEST END.—High-class Dispensing business in prominent position; returns average over £2,000; *net profit* £620; excellent chance for two smart men; price for quick sale £950, or small goodwill and valuation.

6.—LONDON, S.W. (Good Residential Suburb).—Sound, progressive, good-class Business; returning over £1,900; main road position; good residence; attractive Pharmacy; well stocked; price for quick sale £500; only requires seeing.

7.—NORTH LONDON (Healthy Suburb).—Sound progressive Cash Business for immediate disposal through serious illness; returns £1,150; *net profit fully* £300; fine modern Pharmacy; excellent main road position; low rent; price £750 or offer.

8.—ESSEX (Suburb).—Cash Drug Stores, returning £17 to £18 a week under unqualified; clear net profit £7 a week; low rent; modern shop, well stocked; price £75 and valuation.

STOCKTAKINGS.

We are now booking stocktakings for April and May, and are open to undertake one or two large ones during these months. Appointments should be made early to avoid dates clashing. Terms sent on application.

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BUSINESS in good-class locality; extensive neighbourhood; rent £25; good house; well stocked and fitted; suit lady or gentleman Pharmacist; price £200, or valuation; part cash could remain, and paid by easy instalment. Apply Abbey Pharmacy, 40 Monks Road, Lincoln.

CHEMIST, having another business, is willing to dispose of one situated in Lancs Munition area (10,000); returning £1,000, including £200 N.H.I.; easily worked; no opposition; rent and rates £30; valuation of stock and fixtures required; part may remain, or rebate for cash transaction; about £250-£300; would reduce stock if desired. "Maxim" (32/19), Office of this Paper.

FOR immediate Sale; bare valuation will be accepted for a profitable and easily worked Business, returning £35 weekly; good house attached; trial allowed; all cash; N.H.I. can be added; in distant London suburb. Apply 29/20, Office of this Paper.

FOR Sale, Manufacturing Chemist Business; established 100 years; world reputation; secret process; rent £55; wages £8; profit, £773; ingoing £3,000. Wishart, 138 Bath Street, Glasgow.

OLD-ESTABLISHED (56 years) Light Retail and Dispensing prosperous Cash Business (no credit), for Sale in prosperous Lancashire manufacturing town; good look-up shop, well fitted, with office and store rooms behind, warehouse above; commanding corner in principal business thoroughfare; two minutes' walk from the two passenger stations; owner (64) wishes to retire soon; returns £2,200 for 1917, and increasing; price, business £1,500 cash, building £1,000; parties replying, please give banker's reference; one month's trial arranged. Apply 27/25, Office of this Paper.

SMALL Cash Business for Sale, taking from £15 to £17 per week under Manager; lock-up shop, situated in the Borough of Guildford; rent and rates total £22 per annum; room for much increase; every investigation invited. Simpson, 23 High Street, Guildford.

TO LET.

SOUTHPORT.—To be Let, House and Shop fitted up for Chemist; all modern; glass-front counters, carboys, etc. Apply E. H. Browne, Builder, 45 Mill Lane, Southport.

CHEMIST'S Shop and Parlour to be Let; prominent corner position, facing Public Baths; old-established; low rent; dwelling rooms if required. Apply 13 Prince of Wales's Road, Kentish Town, or to G. M. Gates, 15 Walbrook, E.C. 4.

SHOP Look-up to Let; centre of town main street Doncaster; admirably suited for Cash Drug business; one successfully carried on for half a century few yards below until lease expired, and premises required for other purposes; possession March; lease if required. J. Murphy, 67 St. Sepulchre Gate, Doncaster.

BUSINESSES WANTED.

BUSINESS required on East or South Coast; must be good-class, with convenient house attached. Full particulars to "H.," 57 Bushwood Road, Kew Gardens, S.W.

FOR SALE.

BEST offers for 20 lb. Ammoniacum, purif. and strained; 14 lb. Galbanum, 8½ lb. Olibanum, 1 lb. Senna Pulv. Apply "L." (5/38), Office of this Paper.

MIXER fitted for power; gunmetal blades and body; will mix 70 to 80 lb. consistency of putty; little used; accept £35. Also 3 to 4 h.p. "Crossley" Gas Engine, complete; tube ignition; a first-class engine; £35 10*s*. Apply 16/32, Office of this Paper.

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AGENCIES.

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AN old-established English Manufacturing Company invites inquiries from qualified Chemists only who are able effectively to handle the sale in their districts of three well-known advertised specialities for increasing the yield of potatoes and fruit, and recognised by all professional growers as essential to increased food production. The goods are cleanly and attractively packed in tins and kegs, are safe and convenient for shop storage, are capable of effective display, and, most important of all, meet a demand which from spring to autumn is insistent, and through Government encouragement will be still more so this year. These specialities are as necessary to the allotment holder or owner of a few fruit trees as to the big market grower or farmer, because without them each suffers actual loss of crops. They will be advertised through the Gardening, Food Production, Farming, and Fruit-Growing Press, while attractive printed matter for distribution and shop display will be supplied to all Agents. Applications should be addressed to P. G., Box 342, c/o Mitchell's Advertising Agency, 1 Snow Hill, E.C. 1.

CHEMIST'S Traveller resident in Dublin, who has worked the whole of Ireland thoroughly thrice yearly for the last eleven years for present firm, seeks additional agency; commands very solid and extensive connection; commission or otherwise. Apply 31/14, Office of this Paper.

FREDERICK ARKHURST, General Drug and Chemical Dealer, Seccondee, Gold Coast, desires to get in touch with Manufacturing Chemists, Wholesale Druggists and others desiring representation in the Colony; catalogues and wholesale price-lists, including business terms, will be appreciated. Bankers: Colonial Bank, Seccondee

APPRENTICESHIPS.

YOUNG lady or youth required for a good-class Retail and Dispensing business. Terms upon application to A. Thresh, Pharmacist, Buxton, Derbyshire.

AMALGAMATION.

AMALGAMATION.—Old-established and prosperous firm of Wholesale Manufacturing Druggists are prepared to consider amalgamation with another high-class firm in London. Apply, in strict confidence, principals or solicitors only, to 4/41, Office of this Paper.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

RETAIL.

BIRMINGHAM.—Unqualified Assistant wanted; ineligible for military duty; well up in Dispensing, smart and courteous at Counter, good address; suitable lady Assistant entertained. Apply, with full particulars, General Manager, Hedges (Chemists), Ltd., Dale End, Birmingham.

BLACKHEATH.—Lady Assistant wanted for first-class Dispensing and Retail; age 25 to 30; good Saleswoman and reliable Dispenser; outdoors; good salary offered to a really competent lady. Apply personally, or by letter, Bailey, 61 Old Dover Road, Blackheath, S.E. 3.

BLACKPOOL.—Qualified Manager, lady or gentleman, to live in house. State age, experience, and salary required, R. Needham, Chemist, Stalybridge.

BOURNEMOUTH.—G. E. Bridge & Co., Ltd., require (at once) a lady Assistant; high-class Retail and Dispensing. Apply, with full particulars as to experience, references, and salary required, to W. E. Curtis, 128 Old Christchurch Road, Bournemouth.

BOURNEMOUTH.—Junior or Improver for good-class Retail business. State experience, age, height, salary (outdoors), when disengaged, with photo and references, to W. Bland Botham, Pharmaceutical Chemist, The London Pharmacy, Bournemouth.

BRAUNTON (near Ilfracombe).—Manager or Assistant wanted, with view to purchase; suit elderly or unqualified; comfortable home; easy hours; light duties; delightful neighbourhood near sea; must be capable of taking sole charge; Light Retail and some Dispensing (no heavy); salary must be moderate (or commission). Barlow, Chemist, Braunton, Devon.

BURSLEM.—Assistant, either sex (if male, ineligible for military service), for country Wholesale and Retail; outdoors; single; short hours; must be a good Salesman. State age, height, and experience, with references and salary required, Thos. Leicester, Chemist, Burslem.

EAST SUFFOLK.—A lady Assistant for Dispensing and Counter work; mixed business in country town; business consists of N.H.I. Dispensing, General Retail, with small Photographic and Tobacco trade; hours 8.30 to 7.30, Saturdays 8.30, shop closed from 1 p.m. to 2 p.m. each day for dinner; would entertain application from a male Assistant if free from military service. State experience and salary required, Hardy, Leiston, Suffolk.

EASTBOURNE.—Wanted (at once), lady or gentleman Junior Assistant (outdoors) for high-class Dispensing business. State salary with usual particulars, enclosing carte, to H. R. Browne, Pharmaceutical Chemist, Eastbourne.

EVESHAM.—Assistant wanted; hours 8 to 7, Wednesday 1, Saturday 8 to 8.30, no Sunday or after-hour duty; pleasant town, with good river and boating; please state age, height, salary required, references if possible; send photo, which will be returned; two Assistants kept. Apply Elliott, Chemist, Evesham.

GLOUCESTER.—Assistant required (male or female); outdoors; good-class Dispensing and Light Retail. State full particulars, with salary, to Ward & Woodman, Gloucester.

GRIMSBY.—Qualified Manager required; must be energetic and of abstemious habits; ineligible or over military age. Send references, and photo if possible, and state salary required, to R. & M., 103 Victoria Street, Grimsby.

KENT COUNTY ASYLUM, MAIDSTONE.—Temporary Dispenser required at the above Asylum; must be fully qualified, and possess experience of the work of a large Institution; lady or man ineligible for the Army; salary £2 6s. per week. Apply (at once) to the Medical Superintendent.

LANCASHIRE.—Young lady, with a little experience of Counter work and Dispensing, required for Light Retail and Dispensing business; comfortable berth; progressive salary. "Lancs" (29/340), Office of this Paper.

LLANELLY, SOUTH WALES.—Young lady wanted, experienced Counter, books—not necessarily Dispenser, but opportunity to learn—for busy cash trade. State full particulars, salary, etc., Henderson, Pharmacist, Llanelly.

LONDON.—Lady Assistant required for Dispensing and Retail business; state salary required (outdoors) and reference. Apply Garner, 204 Haverstock Hill, N.W. 3.

LONDON.—Lady Assistant required, chiefly for Dispensing, but willing to assist at Counter. Apply, stating age, experience, salary required, and when disengaged, Greenish & Co., 20 New Street, Dorset Square, N.W. 1.

LONDON (near).—Chemist, having a high-class business, requires capable young lady Assistant; must be a good Dispenser; permanency. "H. S." (29/34), Office of this Paper.

LONDON, E.—Unqualified Assistant required; comfortable and permanent berth. State age, whether married, salary required, and when at liberty, "B. R." (29/341), Office of this Paper.

LONDON, S.W.—Lady Assistant, with experience of Chemist's shop, wanted for good-class business; must be able to Dispense and make simple preparations; good salary to suitable person. Apply 29/8, Office of this Paper.

LONDON, S.W.—Assistant wanted; outdoors; no Sunday duty; knowledge of Photography; good salary and permanency to suitable man. Apply H. S. Durbin, 19 Victoria Road, Surbiton.

LONDON, N.W. (Hampstead).—Wanted, Junior Assistant (lady or gentleman) for Dispensing business; healthy neighbourhood. Please give particulars of experience, age, and salary required to H. Williams, Dispensing Chemist, 31 Heath Street, Hampstead, N.W. 3.

LONDON, S.E.—Wanted, unqualified Assistant; comfortable and permanent berth; male or female. State full particulars, and when at liberty, to H. W. Neathercoat, 60 Denmark Hill, S.E. 5.

LONDON, S.W.—Lady Assistant, with Counter experience, for high-class West-End business; two others kept; no Sunday duty. Full particulars and when disengaged to 29/7, Office of this Paper.

LONDON, S.W.—Wanted (at once), Assistant; lady or gentleman; unqualified or Hall. Full particulars and salary required (outdoors) to S. S. 436 High Road, Streatham, S.W. 16.

LONDON, S.W.—Wanted, Assistant; male or female; reliable Dispenser, and experienced at Counter; outdoors. Call or send full particulars to W. F. Enness, Pharmacist, 91 High Street, Wandsworth, S.W. 18.

LONDON, W.—Immediate vacancy; an Assistant with Dispensing experience preferred. Rouse & Co., Wigmore Street.

MAIDSTONE.—Capable lady Assistant, able to Dispense, for a good cash trade; three girls kept; hours 8.30 to 6, Wednesdays 1, Fridays 8, Saturdays 8.30, no Sunday or holiday work; 40s. weekly. Payne, Pharmaceutical Chemist, Maidstone.

MIDLANDS (not far from Birmingham).—Young lady Assistant required; must have had good Counter experience and be able to Dispense; comfortable and progressive berth. "P. S." (29/345), Office of this Paper.

NEAR MANCHESTER.—Lady Assistant required for Retail and Dispensing business; previous Counter experience absolutely essential. Address, stating age, experience, and salary, 30/10, Office of this Paper.

OXFORD.—Young lady Assistant required (immediately) for high-class business; must be a good Dispenser and have had some Counter experience. Apply "Q. S." (31/40), Office of this Paper.

PRESTON.—Unqualified Assistant in good-class Retail and Dispensing business in centre of the town; easy hours, no Sunday or night duty. Applicants, who should be ineligible for the Army, must send full particulars of experience, stating age and salary required, to Martyn's Stores, Ltd., 26 Queen Street, Wolverhampton.

RUGBY.—An Assistant (male or female) for Light Retail and Dispensing, with experience; good references. Chamberlain, 3 Market Place, Rugby.

SHEFFIELD.—Lady Assistant (Dispensing department); hours 9 to 7, Thursdays 1, Saturday 8.30. State age, height, experience, qualification, and salary required (photo if possible), G. T. W. Newsholme, Ltd., 27 High Street, Sheffield.

SOUTH OF ENGLAND.—Assistant required (male or female); free removal; permanency with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

WEST RIDING, YORKS.—Wanted, a lady Assistant for good-class Store business; take charge of Dispensing and assist at Counter; short hours; state experience, references, and salary required. Apply 29/29, Office of this Paper.

WORCESTER.—Wanted (immediately), qualified Assistant (ineligible); easy hours, no Sunday duty. Please state age, salary (outdoors), experience, and references to E. J. Kitson, Ltd., City Drug Stores, Worcester.

WORTHING.—Wanted, a capable Junior Assistant (lady or gentleman) for good-class Dispensing and Retail business. Apply, with full particulars and salary required, to W. Aston, Pharmaceutical Chemist, 6 Burlington Terrace, Worthing.

YORKSHIRE (West Riding).—Unqualified Assistant of good experience; must be over military age; comfortable permanency. State age, whether married, and salary required, "H. D." (29/344), Office of this Paper.

ASSISTANT wanted, male, outdoors, with good general knowledge; accurate Dispenser; some N.H.I.; close 1 o'clock Wednesdays. Apply James Lloyd, 125 St. John's Hill, Clapham Junction, London, S.W.

ASSISTANT, male or female, required; a good Counter hand with experience; state salary required (outdoors) and all particulars. Apply The Prosser Roberts Co., Pharmaceutical Chemists, 13 Church Street, Camberwell, London, S.E. 5.

DISPENSER (lady) required; outdoors. Please give full particulars, qualifications, age, height, experience, and salary required to Dr. Laslett, Duncan Road, Gillingham, Kent.

DISPENSER.—Thoroughly experienced man (ineligible and not over 45) required for good-class Dispensing; Minor qualification; lady not objected to; hours 8 to 6, Wednesdays till 1, no Sunday duty, live out. State commencing salary required, references, and fullest particulars, Manager, Junior Army and Navy Stores, Ltd., Union Street, Aldershot.

GUY'S HOSPITAL, S.E. 1.—Sixth Dispenser wanted; Minor qualifications; ladies eligible; salary £130. Apply The Acting Pharmacist.

LADY Dispenser wanted; qualified or unqualified; used to Doctor's file. Write, or apply personally (mornings) at Doctor's, 55 Commercial Road, E.

LADY Assistant wanted for high-class Dispensing business; outdoors. Apply, with full particulars, to J. H. Bishop, The Broadway Pharmacy, Tunbridge Wells.

LEWIS & BURROWS have a vacancy in a good-class suburban business for an Assistant over military age, or ineligible. Please apply, with full particulars, to 146 Holborn Bars, E.C.

MALE Assistant wanted; age no object so long as active; for middle-class business in North London; comfortable berth, with easy hours; good prospects. Apply personally, or by letter, to Oliver & Co., 487 High Road, Tottenham.

MANAGER.—A comfortable and remunerative position is open in a busy City business for a qualified gentleman ineligible for military service; only those with a thoroughly satisfactory record as to character and reliability need apply. Applications, in strict confidence, giving full particulars, to be sent to "Iodine" (31/29), Office of this Paper.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

PART-TIME Assistant or Dispenser for evenings of Monday, Tuesday, Thursday, and Saturday. W. K. Somerton, 357 Battersea Park Road, S.W. 11.

QUALIFIED Manager, with good all-round experience, wanted for S.W. London district. Apply H. S. Durbin, 19 Victoria Road, Surbiton.

QUALIFIED Assistant wanted (at once) for Dispensing Counter; easy hours. State salary required, references, and fullest particulars, W. H. J., Allen & Hanburys, Ltd., 37 Lombard Street, E.C.

QUALIFIED Assistant; ineligible or over military age; light duty; easy hours. Apply, stating references and salary required, Gardiner, Ely, Cambs.

QUALIFIED Assistant Manager wanted (immediately); good-class business; N.H.I.; excellent references required. Full particulars in first letter, "North" (31/1), Office of this Paper.

QUALIFIED Manager wanted for country business; West Riding; comfortable berth; discharged or elderly man. Apply, stating terms, to 31/18, Office of this Paper.

QUALIFIED young man, single and rejected, required immediately; permanent berth, with good prospects of advancement. State age, salary required, and when at liberty, "H. L." (29/342), Office of this Paper.

QUALIFIED Assistant wanted (immediately) for Retail and Dispensing, N.H.I. State wage and full particulars in first letter (ineligible for Army), Exors. H. Halstead, Chemist, 53 & 55 High Street, Rishton, near Blackburn.

QUALIFIED Branch Manager wanted, with good experience of management and knowledge of Photography; must be ineligible for military service; references must bear strictest investigation; good salary and commission to good man. Apply 5/51, Office of this Paper.

RELIABLE qualified or unqualified Assistant required for good-class business; must be ineligible for military service. Kindly state full particulars of experience, etc., and salary expected, Beale & Son, 3 High Street, South Norwood, S.E. 25.

REQUIRED (immediately), capable Junior Assistant; ineligible; give full particulars, age, height, references, salary required; enclose photo; easy hours, no Sunday duty. Lansdale, Queen Square, High Wycombe.

REQUIRED (at once) by a Doctor in a Midland town 60 miles from London, a qualified lady Dispenser; easy post. Fullest particulars *re* age, experience, references, salary required (in or out), and photo (if possible), to 28/37, Office of this Paper.

ST. MARY'S HOSPITAL FOR WOMEN AND CHILDREN, PLAISTOW, E. 13.—A qualified Dispenser wanted; 9 a.m. to 5 p.m., no Sunday duty. Apply to the Secretary, stating salary required, age, experience (Hospital work if any), with copies of recent testimonials.

SEASIDE.—Qualified Manager; easy hours, no Sunday or evening duty; comfortable permanency; must be well recommended. Apply, with full particulars, to 32/3, Office of this Paper. Also, for another branch, Assistant; lady or gentleman; Retail, Dispensing, Photography; knowledge of sight-testing an advantage.

SMART Counterman wanted; unqualified; knowledge of Photography and Dispensing; must be ineligible for military service; good references essential. Apply, with usual particulars, to 5/50, Office of this Paper.

TEMPORARY Assistant for fortnight wanted (immediately) in mixed country business; good Dispenser, active, reliable, abstainer, with all-round experience; capable of taking charge if required. Please state age, references, particulars of experience, salary required (indoors), and when at liberty, to Perkins, Henley-in-Arden, Warwickshire.

UNQUALIFIED Assistant, male or female, for Dispensing and Counter; must be competent and reliable. Apply C. Dickinson, 119 South End, Croydon.

UNQUALIFIED Assistant; lady or gentleman; outdoors. State age, height, experience, salary, and give references in first letter, to F. Goulding Hopkins, Chemist, Bilston, Staffs.

WANTED, person over military age or ineligible for Warehouse and assist in shop, mixed trade, permanent situation, outdoors, progressive, good wages, for Chesterfield branch. Apply Hulme's, Chemist, Nottingham.

WANTED (immediately), qualified Chemist as Manager; duties very light; suit elderly gentleman or discharged Army Chemist; state salary and references. Reply "Chemists," c/o Mrs. Wood, 5 Granville Road, Mile Town, Sheerness.

WANTED (immediately), qualified Assistant. Full particulars, salary, etc., to Wardale & Co., 132 High Street N., East Ham, E. 6.

WANTED, lady Dispensers, holding Minor Pharmaceutical certificate, for Military Hospitals in France and Salonica; able to serve for one year or duration of war. Apply Secretary, Joint Women's V.A.D. Committee, Devonshire House, Piccadilly, W. 1.

YOUNG lady, residing in Croydon, Wallington, or Sutton districts, required for high-class Chemists' business; experience essential; comfortable and permanent berth. "R. T." (29/343), Office of this Paper.

YOUNG ladies required, with knowledge of Printing and Developing, for Clapham and Shepherd's Bush districts. Apply Parke's Drug Stores, 65 Harmood Street, N.W.

YOUNG lady Assistant, Counter experience, required for Hampstead district; must have Apothecaries' Hall qualification, and, if convenient, apply in the morning at Parke's Drug Stores, 65 Harmood Street, N.W.

WHOLESALE.

BIRMINGHAM.—Good unqualified man wanted for Wholesale work chiefly, but some Retail; must be ineligible; suit discharged soldier; easy hours, no Sunday duty. Salary required and full particulars, first letter, to Gibson, Chemist, Gooch Street, Birmingham.

LANCASHIRE Manufacturing Chemists would be pleased to consider applications from experienced persons with Pharmaceutical training, to take charge of works with steam plant. State full experience and salary required, 31/801, Office of this Paper.

ALLEN & HANBURYS, LTD., Bethnal Green, E. 2, require an intelligent young man for their Order department; must be able to read Drug orders readily, and be a quick and accurate worker. Application in own handwriting, stating age, experience, and salary required, to "F. L. D.," c/o above.

FITTER, Surgical; one having good knowledge of Orthopædic work; state experience and salary. Apply 250/23, Office of this Paper.

JUNIOR for Laboratory wanted at once; ineligible or over 26 years of age (protected occupation); West Riding of Yorkshire. Send references and experience to 29/32, Office of this Paper.

MANUFACTURING Wholesale Druggists (provincial) require the services of a thoroughly reliable and experienced (Drugs) Works Chemist, not necessarily qualified; the position is suitable to one looking for permanency and a financial interest; applicants must give full particulars in reply. Apply 31/800, Office of this Paper.

REPRESENTATIVES required for high-class ladies' Toilet articles; part-time only. Apply "L." (3/43), Office of this Paper.

SMART up-to-date man, ineligible, wanted for Manufacturing department of high-class West-End Perfumery firm; must be experienced Compounder; good salary. Apply "L." (4/35), Office of this Paper.

TRAVELLERS in Druggists' Sundries and Surgical Dressings wanted for (1) Lancashire and Yorkshire below latitude 54, (2) the remainder of England above latitude 54, (3) Scotland. Applicants should state age and previous experience. Apply "L." (2/36), Office of this Paper.

WANTED for Laboratory of a large Food Factory, a lady Assistant to undertake general analysis of commercial products, and willing to assist in research or other work required in Laboratory. Apply, giving previous experience, details of training, salary required, etc., Box 500, Smiths' Agency, Ltd., 100 Fleet Street, E.C. 4.

WANTED (at once), Laboratory Assistants, Drug Counter hand, Grinders, Pill and Tablet makers, for Lancashire firm; ineligible for Army service. State fully experience and wages required, 31/8, Office of this Paper.

WAREHOUSE hand, with knowledge of Sundry trade; young discharged soldier preferred, or ineligible. Apply by letter only, stating experience and wages, to "H.," 12 Little Howland Street, Tottenham Court Road.

WAREHOUSE Assistant wanted; used to Wet and Dry orders. Apply by letter, stating age, experience, and wages required, to Hospitals and General Contracts Co., Ltd., 19/35 Mortimer Street, W. 1.

WANTED.

WE require immediately, experienced and well-trained men for the under-mentioned positions:—

INVOICE CLERK.

Accustomed to Drug and Patent-medicine trade.

ASSISTANT FOR WET ROOM.

Careful, quick, and accurate worker.

CHECKER FOR WAREHOUSE.

All permanent posts, with good wages and conditions of service.

Apply, giving references, and stating age, experience, and wages required, to

GOODALL, BACKHOUSE & CO.,
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BURMA.—Assistant; qualified; ineligible; about 25; salary 300 rupees per month, 325/350; three years' agreement; good prospects; passage paid out and home. Apply 30/38, Office of this Paper.

PARIS.—Capable Assistant, qualified preferred, for high-class Pharmacy; knowledge of French an advantage; no Sunday or night duty; outdoors. Replies, with photograph, experience, and references, to Parilond, 5 Rue de la Paix, Paris.

PARIS.—Wanted, competent Assistant; ineligible; experienced in good-class Pharmacy. Apply Mr. C. Brooke, 6 Northumberland Avenue, London, W.C.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

[HOME.]
RETAIL.

ADVERTISER; 30; experienced; active; disengaged Tuesday, Wednesday, Thursday, and Saturday afternoons and evenings; West-End; Salesman. A Scott, 204 Ebury Street, S.W.

AS Branch Manager; permanency; qualified; over age; married; Brighton or district preferred. State terms, etc., to 31/35, Office of this Paper.

AS Locum; permanency; excellent references and experience. Chemist, 17 Regent Square, W.C. 1.

ASSISTANT, 30, married, unqualified, desires good post shortly; first-class references; good all round experience; conditional exemption or N.H.I.; excellent Salesman; willing worker; experienced in managing; good salary. Full particulars, "Trustworthy" (29/15), Office of this Paper.

ASSISTANT (unqualified) desires engagement outdoors; accustomed to high-class Dispensing and Counter; six years' present situation; Army discharge; excellent references; disengaged March 11th. T. G., 35 Clifton Road, Maida Vale, W. 9.

ASSISTANT, 23, Grade III., nine years' varied experience, desires change; provincial; disengaged. Apply 32/14, Office of this Paper.

ASSISTANT; age 48; country preferred; all-round experience; active. Apply 31/2, Office of this Paper.

ASSISTANT Manager; qualified; elderly; single; active; N.H.I. Prescriber; permanency; comfortable berth; short hours. Apply 30/29, Office of this Paper.

ASSISTANT; 38; disengaged; unqualified; locum or permanent; ineligible. "Dispenser," 54 Kinross Avenue, Plymouth.

ASSISTANT, exempt, experienced, wishes part-time three hours daily; London only. Apply J. B., 73 George Lane, Wanstead, E. 11.

ASSISTANT, locum, ineligible, post immediately. Max, 1 Railway Cottage, Upper Bognor Road, Bognor.

ASSISTANT; unqualified, studying for examination; whole or part-time situation; 16 years' American and Colonial experience. Tuga, 11 Colville Place, Tottenham Court Road, W. 1.

BIRMINGHAM DISTRICT.—Dispenser (experienced) seeks berth; Army discharged; evenings free preferred. Apply 26/21, Office of this Paper.

DISENGAGED Assistant or Locum; thoroughly competent, reliable; experienced all round; ineligible. "B. J." (33/4), Office of this Paper.

DISENGAGED shortly; 10 years' experience; Hall qualification; West or South-West of London preferred. "Lady," c/o Gamble & Co., Chemists, 4 Edwardes Terrace, Kensington, W. 8.

DISPENSER (qualified Minor), over military age, desires permanent post; five years' best-class Dispensing experience, and 12 months' training at Bloomsbury Square; South or South-West of England preferred; commencing salary £2 per week. Apply "M.P.S.," 41 East Park Terrace, Southampton.

DISPENSER (lady), part Hall qualified, desires post, Doctor, Institution, or Chemist. Apply 28/28, Office of this Paper.

DISPENSER, good all-round experience Photographic, Veterinary, and N.H.I., Army discharged, seeks berth. References, "Epsilon" (27/21), Office of this Paper.

DISPENSER desires post; nine years' experience; sole charge of Physician's house; good recent testimonials; country preferred. J. H. B., c/o Hon. Sec., 55 Bryanston Street, W.

DOCTOR'S Dispenser; could act as unqualified Assistant; many years' experience. "J. M. B." (24/35), Office of this Paper.

ELDERLY qualified; single; London or provincial; interview desirable. Particulars, 28/40, Office of this Paper.

EVENING employment; lady Dispenser, Bookkeeper; experienced; knowledge French and typing; disengaged. Apply 32/15, Office of this Paper.

EVENING Dispensing and Counter three nights weekly. Anderson, 1a Shepherdess Walk, City Road.

EXPERIENCED lady Dispenser and Bookkeeper requires post with Doctor; Cornwall or Devonshire preferred. Apply 24/33, Office of this Paper.

EVENINGS; Dispensing wanted; Doctor or Chemist (not Counter). "E. B.," 140 Green Lanes, N. 16.

LADY Dispenser desires post; previous experience. A. Margerand, 229 Fordwych Road, N.W. 2.

LADY Dispenser desires post; Hall certificate. Bell, High Garth, Ilkley, Yorks.

LADY Dispenser, Hall certificate, Bookkeeping certificates, requires post, London or suburbs; four years present, two years previous post; Institution or Doctor preferred. Apply 27/33, Office of this Paper.

LADY Dispenser (nursing experience) requires post in good-class Pharmacy; London preferred. Apply 31/16, Office of this Paper.

LADY, with Counter and Dispensing experience, desires post. "L.," 3 Letterstom Road, Fulham.

LADY Dispenser (Hall) requires post; Manchester district preferred. Miss Donbavand, 92 Mount Pleasant, Hooley Hill, Manchester.

LADY Dispenser (Hall) requires post, Doctor, Hospital. Bird, 42 Berner's Street, Ipswich.

LOCUM; over military age; single; all-round experience; abstainer; unregistered; references. "Energetic," 19 Chapel Street, Uxbridge.

LOCUM; reliable; disengaged. Address "M.P.S.," c/o John Thompson, Ltd., Liverpool.

LOCUM or Assistant, experienced Counterman and Dispenser, 35 years, or manage small shop in country; good Prescriber, smart, and references, etc. Apply "Drugs," 33 Parr Street, Kendal, Westmorland.

MANAGER; qualified; Dispenser, Prescriber; first-class experience Dental, Urine analysis; married; age 32; London district preferred. 4 Station Parade, Gerrards Cross, Bucks.

MANAGER (qualified) desires sound permanent position in first-class business, where ability and good business knowledge are appreciated; exceptional experience in all branches; capable buyer, accustomed to full control; discharged from Army; no physical defects; holds high position at present; 35; married; all references first-class; North-West provinces preferred. "Arturo" (31/30), Office of this Paper.

MANAGER; qualified; outdoors; middle-aged; Manchester or near preferred. Apply 31/11, Office of this Paper.

MANAGERSHIP wanted; permanency; good prospects; finest West-End and Continental experience. Apply "Energy" (29/5), Office of this Paper.

OXFORD.—Lady, 38, good appearance, three years, desires berth in Oxford. "H.," 266 Woodstock Road, Oxford.

PART-TIME; Tuesday or Saturday evenings; experienced; good references. "M.P.S.," 41 Frithville Gardens, Uxbridge Road, W. 12.

QUALIFIED; over military age; disengaged; married; live over premises preferred. Apply 30/13, Office of this Paper.

QUALIFIED; Locum; branch or part-time. Chemist, 34 Wornington Road, Westbourne Park, W.

QUALIFIED; 44; successful Branch Manager high-class Stores. Apply 27/31, Office of this Paper.

QUALIFIED Manager; 45; married; exceptional references; experienced, reliable, active Answers, stating salary and usual particulars, to "B. Z." (29/4), Office of this Paper.

QUALIFIED Chemist; 8 years' country, 10 large business West-End, 4 suburbs; prefer suburbs or near country. Apply 32/22, Office of this Paper.

RELIEF Thursdays, 3 p.m.; alternate Sundays; Counter or Stock. "Nux," 12 Heathfield Road, Bromley, Kent.

UNQUALIFIED lady; age 24 years; 6 years' packing and 3 years' Counter experience; Southampton or near. Apply 31/24, Office of this Paper.

WANTED, position as Dispenser and Bookkeeper to Doctor, Institution, or Chemist; Army qualifications; would also undertake Surgical dressings, etc. Apply R. J. A., 60 Heathfield Avenue, Dover.

WANTED, a post as Dispenser; male; middle-aged; Hall qualification; either to Doctor, Institution, or Chemist. Apply J. S. N., 36 Judd Street, W.C. 1.

YOUNG lady (Hall) requires post as Dispenser to Doctor or public Institution in London; excellent references. "R." (30/33), Office of this Paper.

WHOLESALE.

GENTLEMAN (43) seeks position London Departmental Manager; thoroughly experienced Wholesale and Retail; good organiser, used to control, keen, reliable; good references. "Aspirin" (32/9), Office of this Paper.

EXPERIENCED Traveller at liberty; good connection with best Chemists and Stores all over the country, and thoroughly conversant with their requirements. J. P. B., 13 Fife Road, Darlington.

FIRST-CLASS representation; qualified; over military age; in country; excellent references. Apply 29/11, Office of this Paper.

OFFICE, Showroom, or Representative.—Advertiser, ineligible, fully competent to undertake either of these positions; undeniable references; well known. Apply "C." (31/34), Office of this Paper.

SUCCESSFUL Manager (qualified) requires position as Representative or Medical Propagandist with good firm; previous experience on road; permanency; South Coast preferred. Apply 30/35, Office of this Paper.

MISCELLANEOUS.

TABLET MAKERS.—Quotations wanted for making and machining Saccharine Tablets; ½ or 1 cwt. weekly; Saccharine provided. Apply 3/69, Office of this Paper.

SHOWCASES AND SHOP FITTINGS.—10 ft. mahogany and plate-glass fronted Serving Counter, 8 ft. Drug Fitting with drug drawers, lockers, and shelving; mahogany and plate-glass Perfumery Showcase and Desk; piano wall case mahogany 5 ft. Dispensing Screen and Counter, fitted with usual drawers, suitable for Munition Pharmacy; £47 10*s.*; ready for immediate despatch. PHILIP JOSEPHS & SONS, LTD., 93 Old Street, London, E.C. 1.

ADVERTISERS wish to get into touch with a firm who is prepared to undertake to grind and dry 50 tons of Epsom Salts Crystals. Apply Box 497, Smiths' Agency, Ltd., 100 Fleet Street, E.C. 4.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

BAYER'S PREPARATIONS FOR SALE.—3,000 Elarson Tablets; 3,000 Gout Remedy Tablets (Acitrin and Colchicine); 4,000 Helmitol Tablets; 3,000 Hydrastinine HCl Tablets; 2,000 Iodothyrin Tablets; 6,000 Novaspirin Tablets; 1,000 Theocin Sodium Acetate Tablets, 1½ grs. each; 1,000 Veronal Tablets, 7½ grs.; 1,000 Sodium Veronal Tablets; 2 lb. 3 oz. Veronal; 2 lb. 12 oz. Bayer's Pipirazin Crystals; also 4 lb. 5 oz. Crude Saponin; 6,000 Gehe Tonic Pills (Quinine, Damiana, and Iron) in bottles of 25; 11 lb. Merck's Chloroform (anæsthin); 288 small syphons Ethyl Chloride (perfumed); 294 large syphons Ethyl Chloride (perfumed); 12 bottles Wolff's Clymene Hair Wash (10 oz. size); 39 bottles Wolff's Diamela Hair Wash (10 oz. size); 33 bottles Wolff's Devine Hair Wash (10 oz. size); ½ cwt. Dragon's Blood. P. Arthur, 8 Montague Road, W. Ealing, W. 8.

WANTED, Square or Round Tin Boxes, new or second-hand, for powdered colours; size 1 lb. and upwards; good prices given; cash payment. Williams Bros. & Co., Hounslow.

TO PROPRIETARY OWNERS.—London firm, very old-established, manufacturing their own Proprietary Medicines, and having accounts with all leading Wholesale houses, is open to manufacture and undertake Wholesale distribution of a new Proprietary line on advantageous terms, or would act as London distributing agents. "C. C." (30/37), Office of this Paper.

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Developing Spools, 6 Ex., 6d.; 12 Ex., 1/-; V.P.K., 6d.
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ALL CHEMISTS SHOULD STOCK **ABDINE**
THE GOLD MEDAL FRUIT DRINK.
Quick Seller. Big Profits. Over 40 Years' Reputation.
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8½ lb. Camphor Flores, 4*s.* lb., carriage paid. Apply 27/37, Office of this Paper.

3 doz. Johnson's Baby Powder; unopened. What offers? Marshall, Chemist, Moseley.

4 CELLULOID Full Upper Show-pieces R. Lamb, 123 West End Lane, London

4 lb. Potass. Iodid., 56s.; 8 oz. Aniline Yellow, 10s.; 2 lb. Gum Tragacanth sorts, 15s. Apply 28/25, Office of this Paper.

WHAT Offers? 8 gross 1½d. packets Medicinal and Culinary Herbs, assorted. Lumley, Coleman Street, Wolverhampton.

CREAM Tartar Opt., 99-100 %; 1 cwt. Keg. Wire best cash offer, on rail, to 651 York. Folkard, 13, 14 Pavement, York.

8 oz. Quinine Sulphate, 24s.; 10 lb. Hyd. Subchlor., 50s.; 7 lb. Pot. Iodid., 95s.; 8 oz. Phenacetin, 24s.; 4 oz. Thymol, 14s.; 4 oz. Phenazonum, 16s.; carriage paid. Apply 32/23, Office of this Paper.

OPTICAL AND PHOTOGRAPHIC.

6½ in. Goerz Dagor Lens, f/6.8, in B. & L. Automat Shutter. What offers? Harrison, Grayshott.

SHOP FITTINGS.

BENT Glass Show Cases, mahogany 3 ft.; Scales, mahogany base, draw under; Set Weights, ¼ oz. to 2 lbs.; sale. Windebank, 79 Bevis Road, Portsmouth.

MISCELLANEOUS.

TWO dozen each 10 and 36 oz. bottles, Blue & C. Glass, N.M.W.M.; Recess Labels. Apply 29/27, Office of this Paper.

COPPER Percolator, with Receiver, tinned, nearly new, about 2 gall., 35s.; Copper Still, about 5 gall., body, head and worm, £6. Jackson, Pownall Square, Liverpool.

WANTED.

6 oz. Butyl Chloral Hydrate. Lowest price to Fitt, Chemist, Norwich.

WANTED, Tea Tablets; any make. Belsher, Chemist, Bloxwich.

FOREIGN Stamps; a collection wanted. Full particulars to 27/20, Office of this Paper.

PRIMUS Engineering Outfit; No. 28; new or shop soiled. Marshall, Chemist, Moseley.

SWANSDOWN Powder, Nail Clippers, Xylonite Soap Boxes. State price to 27/29, Office of this Paper.

DISTILLED Stearic Acid required in large or small quantities. Cuxson, Gerrard & Co., Ltd., Oldbury.

JOB Line Tins wanted, suitable for Boot Polish, etc. Address "Brytenup" Polish Works, Marsh Lane, Preston.

WANTED, Linseed Oil, Glycerine, Firsts Castor Oil, in any quantity. Reade Brothers, Ltd., Wolverhampton.

TABLET Machines wanted; Colton's 2B preferred; also Granulators and Mixers. Apply "L." (2/40), Office of this Paper.

DENTAL Engine, Burs, Excavators, Impression Trays, Compo. State quantities, condition, and price, Ramsey, Staines Road, Sunbury.

ACCUMULATORS; 8 or 10, suitable for working X-Ray coil. Condition and price to Chemist, 31 Fore Street, Wellington, Som.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation, cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W.

GLASS Carboys wanted, 10 gallon, in wicker or iron baskets; clean. State price and quantity, Timothy White Co., Ltd., Portsmouth.

WANTED, second-hand bent glass and mahogany Counter Case, about 5 or 6 feet long by 18 inches. Apply 31/4, Office of this Paper.

WANTED to buy, pair Dispensing Scales and Weights, or would exchange for Dental Forceps, etc. Hill, "Boston" Pharmacy and Dental Surgery, Northam Road, Southampton.

A WELL-ESTABLISHED PROPRIETARY wanted; must show a good net profit, and accounts must bear strict investigation. Particulars of sales, gross and net profits to be sent, which will be treated confidentially. Apply 32/7, Office of this Paper.

WANTED, Tablet Machine, hand or power. State make, style, and size, also small Drug Mill and Tincture Press, to Miller, Chemist, Ashton-under-Lyne.

THE "Veldt" Laboratory, Louth, England, are purchasers of surplus Glycerin in large or small quantities. Offers invited

WANTED, a few Woulff's Bottles, two to three gallons, preferably ground-in tubes; offers invited also for smaller sizes, and other Laboratory Glassware. Rose, Chemists, Dewsbury.

COCOA NUT OIL.—Advertisers are open to purchase in any quantity. State price and amount, Box 495, Smiths' Agency, Ltd., 100 Fleet Street, E.C. 4.

OFFERS. 4 Aspiriu, 2 Acidol-Pepsine, 2 Adamon, 2 Citarin, 2 Coryfin, 2 Jothion, 24 Rennet tabs, 4 Sabromine, 4 Sajodin, 1 Strych. Arsenate, 2 Stypticine, 4 Theobromine, 4 Urotropin, 4 Kodinal, 4 Glycin., 4 Toning and Fixing Salts, 8 oz. Bronze, 1 cwt. Alum Crystal. 45 Pershore Road, Birmingham.

YOUR STOCK OF

OLD CAMERAS

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Unsaleable Ones.

SELL them to us for cash. Why not clear your shelves now to meet the demand? There will never be such an opportunity again.

We buy small lots, single articles, or dealers' entire stocks. We pay highest possible prices, and give

Two-thirds retail price for Vest Pocket Kodaks (R.R. and Anastigmat Models), Watch Pocket Carbines, Nos. 0, 1, and 2 Brownies, Kodak Film Developing Tanks (except V.P.K.), No. 2 Folding Brownies, also Vest Pocket Kodak and No. 2 Brownie Spools.

We'll buy your fine apparatus by Newman & Guardia, Ross, Adams, Zeiss, Goerz, etc., and give very high prices.

All remittances immediately. Goods carriage paid if returned.

Recent testimonials from Chemists, etc.:

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"I have yours with cheque £3, and enclose receipt herewith. I consider your dealings exceedingly fair, prompt and satisfactory. It will be a pleasure to recommend friends to you." E. M. E. Co.

GLASGOW.

"I am in receipt of your letter, for which I thank you. I shall be pleased to accept 10/- for the camera. It is more than I expected to get." R. H.

LONGTON.

"Many thanks for postal order to hand yesterday. I must say that you have been most courteous and straightforward over this matter; indeed, I cannot conceive of a firm being more straightforward than yourselves." H. H. E.

HOLLOWAY, N.

"I am in receipt of your letter and cheque, value £5, in payment for camera; and I am greatly obliged by the prompt and liberal treatment I have received in the matter." C. W.

PURFLEET.

"I am in receipt of your letter of the 31st ult., together with the cheque for £6 10s. enclosed therewith, and for which I am extremely obliged. I should also like to thank you for the promptness and courtesy with which you have handled the transaction." E. F.

WATSONS', The Camera House,

84 High Street, Sheffield.

SACCHARINE TABLETS

½ gr. 330 in 1.

per lb.	....	120/-	Cash with Order.
100's	....	22/6 doz.	
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Carlton Works,
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Saccharin Tablets

(½ grain 330 in 1 guaranteed).

Packed in Boxes of

1,000	... ...	17/-	per 1,000
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WHITE PHIALS, plain or teaspoons.
½ ounce. 1½ ounce.
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BLUE LOTION BOTTLES, all sizes.
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6 and 8 ounce ... ... 1s. per gross, in 6 gross bags.
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14/- per 1000—Sell at 4 for 1d.—50% profit.
Also in 6d. and 1/- boxes.

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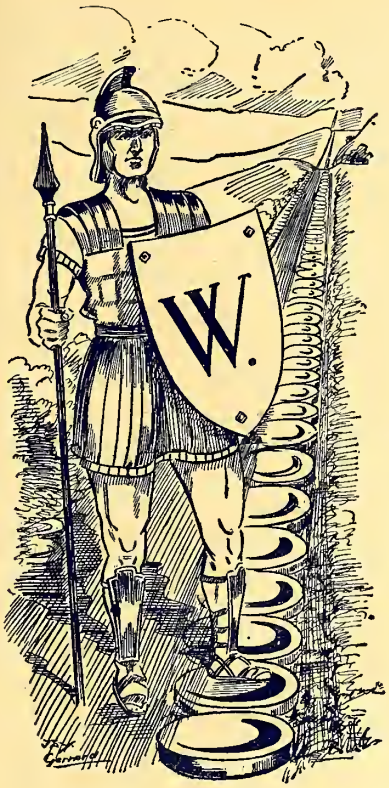

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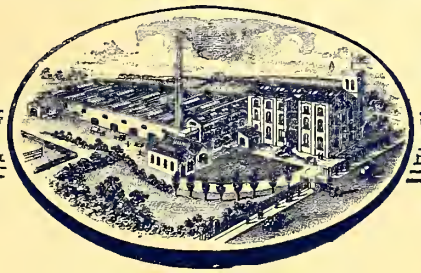
Westhoughton,  Lancashire.

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